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**UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PLANT QUARANTINE DIVISION
WASHINGTON 25, D. C.**

LIST OF INTERCEPTED PLANT PESTS, 1959

(Pests Arriving at United States Ports, July 1, 1958, Through June 30, 1959)

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Plant Quarantine Aid

INTRODUCTION

This 46th report of interceptions summarizes the records of insect pests, plant pathogens, and certain other harmful organisms found in, on, or with plants, plant products, baggage, and means of conveyance (1) imported into or entering the United States or its possessions, (2) offered for entry but refused, (3) held in stores or quarters of planes or ships, (4) offered for entry for immediate transportation and exportation in bond, or (5) in domestic shipments to the mainland from the State of Hawaii and the offshore possessions, including the American Virgin Islands, Guam, and Puerto Rico.

The pests listed include insects, snails, fungi, bacteria, nematodes, and viruses causing injury of known or potential plant quarantine significance to the United States. Some common organisms are included if they are new to the country of origin or the host plant, or are of such limited distribution in the United States that they are worthy of mention.

The data for this list include identifications received during the fiscal year 1959 and represent some interceptions made during previous years. Determinations are largely made by specialists of the Entomology Research Division and Plant Quarantine Division, although a certain amount of this work is done by collaborating State officials. Snail identifications are made by taxonomists in the Division of Mollusks, U.S. National Museum. Some critical studies and identifications are made by specialists of the Crops Research Division, who also identify many of the host plants.

All scientific names are reviewed by specialists of the Crops Research Division to assure conformance to the International Rules of Nomenclature. However, in the disease tabulation the name of the stage found is usually listed rather than the perfect stage of the organism. Family names are listed with the insects in the tabulation; orders are given in the host list. The classes of the diseases are shown in the disease host list.

Every effort is made to give the correct origin for all collections listed. Occasionally, however, it is difficult to trace the true origin of stores in planes and ships. Questionable cases are omitted, listed with a question mark, or shown as unknown.

¹ Assistance was received from Alice J. Watson, mycologist, and Paul X. Peltier, entomologist.

AIRBORNE MATERIAL

The interceptions from airborne material totaled 8,033, about one-third of the interceptions for the year. There were 6,986 insects and snails, and 1,047 diseases and nematodes. This is an increase of 2,531 over last year, when the total was 5,502. Many important pests are included in this number. From airborne material there were 30 interceptions of the European cherry fruit fly, 50 of the Mediterranean fruit fly, 19 of the Mediterranean land snail, 12 of the Mexican fruit fly, 28 of the olive fruit fly, 14 of the oriental fruit fly, 6 of the pink bollworm, 72 of the West Indian fruit fly, 90 of the black spot of citrus, 17 of citrus canker, 5 of sweet orange scab, and 15 of the golden nematode. A possible high survival rate of pests arriving by air necessitates constant vigilance on the part of Plant Quarantine inspectors.

NOTES ON PESTS INTERCEPTED

The total number of interceptions made during the fiscal year 1959 was 25,296, as compared with 18,198 the previous year. Of these, 8,850 were considered of enough importance to be listed, as compared with 7,946 last year. This increase is in part accounted for by expanding commerce and travel. The opening of the St. Lawrence Seaway to ocean-going vessels has materially increased the number of ship arrivals and interceptions at Great Lakes ports.

FRUIT FLIES

A total of 502 fruit fly interceptions were identified to species as follows:

Anastrepha ludens, the Mexican fruit fly, (153 times) in grapefruit, mango, orange, peach, pear, pomegranate, ponderosa lemon, quince, sapote, and sweet lime in air baggage, baggage, quarters, and stores from Mexico; and in sweet lime in air baggage from Guatemala.

Anastrepha mombinpraeoptans, the West Indian fruit fly, (110 times) in guava in air baggage from Puerto Rico; in mango in air baggage, air quarters, baggage, cargo, quarters, and stores from the American Virgin Islands, Colombia, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, and Trinidad; in purple mombin in air baggage and baggage from Cuba, El Salvador, Guatemala, Mexico, and Nicaragua; in *Spondias* sp. in air baggage from Cuba; in tropical almond in air baggage from Jamaica; in vi-apple in air baggage from El Salvador; and in yellow mombin in air baggage and air stores from Central America, Costa Rica, El Salvador, Guatemala, and Nicaragua.

Anastrepha serpentina (twice) in sapodilla in air baggage from Guatemala.

Anastrepha striata (twice) in guava in baggage from Mexico. *A. striata*(?) (twice) in guava in air baggage from El Salvador and in baggage from Mexico.

Anastrepha suspensa (6 times) in guava in air baggage from Cuba and in preflight inspection of air baggage and in airmail from Puerto Rico.

Ceratitis capitata, the Mediterranean fruit fly, (94 times) in apple in air baggage from Portugal, in air stores from Europe, and in baggage from Greece; in apricot in air stores from France and Italy; in Arabian coffee berries in air baggage, baggage, and mail from Hawaii; in coffee berries in air baggage from Brazil and Costa Rica, and in aircargo from Brazil; in fig in air baggage from Argentina and Italy, and in mail from Spain; in grape in baggage from Italy; in grapefruit in quarters and stores from Brazil, and in stores from Egypt; in guava in air baggage from Portugal; in loquat in air baggage from Tunisia, and in baggage from Italy; in Mandarin orange in air baggage from Italy, in air stores from Argentina, in baggage from Italy and Spain, and in stores from Cyprus and Syria; in orange in air baggage from Costa Rica, Israel and an unknown origin, in air stores from Italy and Spain, in baggage from Italy and Portugal, in quarters from Egypt, and in stores from Argentina, Egypt, Italy, and Spain; in peach in air baggage from Israel, Italy, Spain, and an unknown origin, and in stores from Europe and Spain; in pear in air baggage from Greece, Israel, and Italy; in pricklypear in air baggage and baggage from Italy; in pummelo in air baggage from Italy, and in stores from an unknown origin; in quince in air baggage from Italy, and

in baggage from Greece and Italy; and in tropical almond in baggage from Hawaii. *C. capitata*(?) (10 times) in Arabian coffee in air baggage and baggage from Hawaii; in coffee in air baggage from Brazil; in fig in air baggage from Italy; in Indiapoon beautyleaf seed pulp in air baggage from Hawaii; and in orange in air stores from Italy and the Union of South Africa, in mail from Italy, and in stores from an unknown origin.

Dacus cucurbitae, the melon fly, (9 times) an adult in an airplane from Japan(?); and in cucumber and tomato in stores from Hawaii.

Dacus dorsalis, the oriental fruit fly, (24 times) an adult in an airplane from Japan; in Arabian coffee in air baggage and mail from Hawaii; in avocado in baggage from Hawaii; in banana in baggage and quarters from Hawaii; in date in baggage from Hawaii; in guava in air baggage from Hawaii; in mango in air baggage and baggage from Hawaii; in papaya in air baggage from Hawaii; in passionflower fruit in mail from Hawaii; in pummelo in baggage from Hawaii; in tropical almond in air baggage from Hawaii; and in unidentified fruit in baggage from Hawaii. *D. dorsalis*(?) (5 times) in Arabian coffee in air baggage from Hawaii; in mango in air baggage and stores from Hawaii; and in tropical almond in mail from Hawaii.

Dacus oleae, the olive fly, (42 times) in olive in air baggage from Italy, Lebanon, Spain, Tunisia, and the Union of Soviet Socialist Republics and in baggage from Greece and Italy; and an adult with pumpkin seeds in air baggage from Italy. *D. oleae*(?) (once) pupa with olive in air baggage from Italy.

Dacus passiflorae (once) in *Degeneria vitiensis* fruit in aircargo from the Fiji Islands.

Dacus pedestris (twice) in *Melastoma malabatricum* and *Melastoma* sp. fruit in aircargo from the Federation of Malaya.

Euleia heraclei (twice) in celery in stores from England. *E. heraclei*(?) (twice) in parsley in air stores from England and an unknown origin.

Hexachaeta monostigma (once) adult with palm leaf in aircargo from Mexico.

Orellia punctata (once) adult with safflower seed heads in aircargo from Jordan.

Rhagoletis cerasi, the European cherry fruit fly, (31 times) in cherry in air baggage from France, Germany, Hungary, Italy, Poland, Portugal, Rumania, and Yugoslavia; in air stores from France, Italy, Portugal, and Spain; and in stores from Italy. *R. cerasi*(?) (once) in cherry in air baggage from Germany.

Toxotrypana curvicauda (once) in papaya in baggage from Mexico.

INSECTS OTHER THAN FRUIT FLIES

The following insects of unusual interest were intercepted:

Adoxophyes orana (Tortricidae) with apple in mail from Germany and on lilac in aircargo from the Netherlands.

Alcidodes dentipes (Curculionidae) with sweetpotatoes in stores from Sierra Leone.

Aleurocanthus woglumi (Aleyrodidae), the citrus blackfly, on *Citrus* sp. leaves in air baggage and baggage from Mexico and in mail from Jamaica, on lemon leaves in air baggage from Mexico, and on orange leaves in baggage from Mexico.

Aleurotuberculatus jasmini (Aleyrodidae) on jasmine leaf in aircargo from the Philippines.

Anthonomus rectirostris (Curculionidae) in cherry pits in air baggage from Germany.

Aspidiotus degeneratus (Coccidae) on camellia stem in mail from Japan, on Grecian laurel leaves in air baggage from Italy, and on laurel leaves in stores from Japan.

Baris lepidii (Curculionidae) in horseradish root in stores from Poland.

Blissus diplopterus (Lygaeidae) on apricots and Cape chinkerichee flowers in cargo from the Union of South Africa.

Brachycerus algirus (Curculionidae) in garlic in air baggage and baggage from Italy.

Callidium rufipenne (Cerambycidae) in dunnage, quarters, and wooden crates in cargo and mail from Japan.

Carposina niponensis (Carposinidae) in apples in air baggage, air quarters, air stores, quarters, and stores from Japan.

Cenopalpus pulcher (Tenuipalpidae) on almond scion in aircargo from Iran and on pear scion in airmail from France.

Ceroplastes rusci (Coccidae) on fig leaves in air baggage from Argentina and in baggage from Greece.

Chilo suppressalis (Crambidae), the Asiatic rice borer, in rice straw in air baggage, mail, and stores from Japan; in rice straw jackets in air baggage from Spain; and in rice straw mats in dunnage from Japan.

Chionaspis asiatica (Coccidae) on Mazzard cherry scions in airmail and mail from Iran.

Chirothrips pretorianus (Thripidae) with *Eragrostis* spp. seeds and various other seeds in mail from the Union of South Africa.

Clysiana ambiguella (Phaloniidae) in grape in baggage from Italy.

Conotrachelus aguacatae (Curculionidae) in avocado in baggage from Guatemala and Mexico and in cargo from Mexico.

Cryptophlebia leucotreta (Olethreutidae) in grapefruit in stores, Mandarin orange in baggage, and orange in quarters from the Union of South Africa; and in orange in air baggage from an unknown origin.

Cylas formicarius var. (Curculionidae) in sweetpotato in cargo from Hong Kong and in stores from the Dominican Republic, and in an unidentified vegetable in baggage from the Dominican Republic.

Dialeurodes kirkaldyi (Aleyrodidae) on crapemyrtle in air baggage and air stores from Australia, on cut flowers in air baggage from Cuba, on jasmine in air baggage from Hawaii and air stores from Japan, on Mexican frangipani leaves in mail from Hawaii, and on orange leaf in air baggage from Tahiti.

Diaprepes abbreviatus (Curculionidae) as stowaway on airplane from the Dominican Republic and on air baggage in preflight inspection in Puerto Rico.

Dichocrocis punctiferalis (Pyraustidae) on Japanese white pine in baggage from Japan.

Euscepes postfasciatus (Curculionidae) in sweetpotato in baggage from Hawaii and Puerto Rico, in cargo from St. Kitts and Tortola, and in stores from Brazil and Trinidad; and in *Ipomoea* sp. in stores from Venezuela.

Frankliniella intonsa (Thripidae) on carnation in air baggage from Germany and Poland and in air quarters from an unknown origin, on assorted flowers and lavender plant in air baggage from England, on geranium plant in air baggage from Belgium, on painted daisy in air baggage from Finland, and on roses in air baggage from France and Germany.

Gnorimoschema ocellatella (Gelechiidae) in beets in stores from Egypt.

Grapholitha janthiana (Olethreutidae) in apple in air baggage from France.

Icerya seychellarum (Coccidae) on *Rhapis* sp.(?) in air baggage from the Philippines.

Ips typographus (Scolytidae) in bark on wooden crate in aircargo from Germany, in pine crate in baggage from Norway, and on wood crating in cargo from Sweden.

Lepidosaphes pini (Coccidae) on pine in air baggage and airmail from Japan.

Leucinodes orbonalis (Pyraustidae) in *Solanum* sp. fruit in air baggage from Liberia.

Lobesia botrana (Olethreutidae) in grape in air stores from France.

Mamestra brassicae (Noctuidae) as stowaway on airplane from Guam(?) and in cabbage in stores from France and Japan.

Maruca testulalis (Pyraustidae), a bean pod borer, in *Canavalia microcarpa* in preflight inspection of air baggage leaving Hawaii for the mainland; in mauna loa leis in baggage from Hawaii; in pigeonpeas in air baggage, baggage, and cargo from Puerto Rico; in string beans in cargo from Puerto Rico and in stores from Brazil and Trinidad; and in *Sesbania grandiflora* flowers in mail from Hawaii.

Megastigmus suspectus pinsapinis (Torymidae) in Cedar-of-Lebanon seed in mail from Turkey.

Pectinophora gossypiella (Gelechiidae), the pink bollworm, in cotton bolls in air baggage from Cuba, Jamaica, Hawaii, and Trinidad and in baggage from Mexico; in cottonseed in air baggage from Puerto Rico, in baggage from Brazil, Hawaii, and Mexico, and in quarters from Mexico; in seed cotton in quarters from Mexico; and in okra pods in air baggage, cargo, and stores from the Dominican Republic.

Phlyctinus callosus (Curculionidae) in grape in cargo from the Union of South Africa.

Pityogenes chalcographus (Scolytidae) in pine in baggage from Norway and in cargo from Sweden, in spruce bark in cargo from Belgium, and in wood crating in cargo from Belgium and Sweden.

Prays oleellus (Hyponomeutidae) in olive pits in air baggage from Greece, Lebanon, and Turkey.

Sesamia cretica (Noctuidae), the durra stem borer, in broomcorn in baggage from Italy and in mail from Greece.

Stephanoderes hampei (Scolytidae) in coffee in aircargo from Aruba and in cargo from the Belgian Congo and Brazil.

Tetranychus viennensis (Tetranychidae) on apple in aircargo, on *Pyrus* sp. in air stores, and on sand pear in air baggage from Japan.

Thrips major (Thripidae) on carnations in air baggage from Poland, on assorted flowers in air baggage from England and Ireland, on heather in air baggage from England and Scotland, on mimosa flowers in aircargo from France, on pussywillow buds in air baggage from France, and on roses in air baggage from Belgium, England, France, and Germany.

Trogoderma granarium (Dermestidae), the khapra beetle, in bagging in cargo from England and the Netherlands and in stores from Singapore; in beans in stores from

Formosa; in chickpea in stores from Greece; in durum wheat in mail from Iran; in flax seed in mail from Afghanistan; in flour in quarters from England; in lentils in stores from Egypt; in peanuts in cargo and quarters from an unknown origin, in quarters from Nigeria(?), and in stores from Singapore; in rice in cargo from Pakistan, in quarters from India, and in stores from Australia, Formosa, India, Japan, and an unknown origin; with residue of titanium oxide in cargo from an unknown origin; and in dry stores from Australia, Formosa, and an unknown origin.

SNAILS

Achatina fulica, the giant African snail, was intercepted twice from Hawaii with baggage and mail.

Bradybaena similis was intercepted 51 times on various flowers and foliage; 45 times from Hawaii, twice each from Bermuda and Brazil, and once each from Cuba and Hong Kong.

Cochlicella barbara with military cargo from Morocco and in soil with fig cuttings in mail from Italy.

Cochlicella ventrosa with military cargo from Morocco and in soil in cargo from Italy.

Euglandina striata was intercepted twice on bananas in cargo from Ecuador.

Theba pisana, the Mediterranean land snail, was intercepted 92 times; 59 from Morocco on general cargo, military cargo, and wooden crates; 10 from France on military cargo, spinach in stores, and wooden crates in aircargo and cargo; 9 from Libya on military cargo; 7 from Italy on air baggage and military cargo; 4 from North Africa on military cargo; once from Cuba on string beans in stores; once from Turkey on military cargo; and once from an unknown origin on general cargo.

Xeroleuca mograbina, a species not previously in the U.S. National Museum collection, on military cargo from Morocco.

Other snails intercepted and worthy of mention were: *Arion circumscriptus*, *Ceciloides acicula*, *C. aperta*, *Deroceras reticulatum*, *Fossaria truncatula*, *Helicella caperata*, *H. itala*, *H. maritima*, *H. neglecta*, *H. pyramidata*, *H. striata*, *H. trochoides*, *Helix figulina*, *Hygromia cinctella*, *Lamellaxis gracilis*, *L. mauritanus*, *Limax marginatus*, *L. maximus*, *Melanoides tuberculata*, *Milax gagates*, *Monacha catiana*, *M. schotti*, *Otala lactea*, *O. vermiculata*, *Oxychilus alliarius*, *O. cellarius*, *Porphyrobaphe isotoma*, *Solaropsis monile*, *Testacella maugei*, and *Zonitoides arboreus*.

DISEASES

The sweet orange scab (*Elsinoe australis*) was intercepted 97 times; 57 came from Brazil on lemon, Mandarin orange, orange, and sweet lime; 38 from Argentina on lemon, Mandarin orange, and orange; and 1 each from Paraguay and an unknown origin on Mandarin orange.

Citrus canker (*Xanthomonas citri*) was intercepted 83 times; 68 came from Japan, 5 from China, 3 each from Hong Kong and India, 2 from Ceylon, and 1 each from the Philippines and an unknown origin. These interceptions were taken from the following hosts: *Citrus* sp., grapefruit, lemon, lime, Mandarin orange, orange, sour lime, and sour orange.

Cancrosis B (*Xanthomonas* sp.) was intercepted 11 times; 8 came from Argentina on lemon, 2 from Brazil on lemon, and 1 from Uruguay on lime.

The black spot of citrus (*Phoma citricarpa*; perfect stage—*Guignardia citricarpa* Kiely) was intercepted 230 times; 67 came from the Union of South Africa; 42 from Hong Kong; 33 from Japan; 28 from Australia; 17 from China; 15 from an unknown origin; 10 from Formosa; 3 each from Mozambique, Okinawa, and the Philippines; 2 from Argentina; and 1 each from Africa, Brazil, Eniwetok, Federation of Malaya, India(?), Singapore, and Vietnam(?). These interceptions were taken from the following hosts: *Citrus* sp., grapefruit, lemon, lime, Mandarin orange, orange, and Satsuma orange.

Other disease interceptions of interest were:

Cercospora grandissima on dahlia leaf in aircargo from Argentina.

Cercospora henningsii on cassava leaf in air baggage from Trinidad.

Cercospora pancratii on hymenocallis leaves in baggage from Mexico.

Chrysomyxa ledi var. *rhododendri*, the rhododendron-spruce rust, was intercepted 24 times on rhododendron in air baggage, airmail, baggage, and mail from Austria, Canada, Germany, Switzerland, and an unknown origin.

Cryptocline paradoxa on English ivy 'Baltic' in cargo from the Netherlands.

Macrophoma araucariae on Norfolk-Island-pine seed in cargo from Hawaii.

Nematospora coryli on beans in aircargo from Peru.

Phyllostictina psidiicola on guava in aircargo from the Philippines.

Puccinia arachidis on peanut in aircargo, airmail, and mail from Paraguay.

Puccinia carthami on safflower leaves in aircargo from Portugal.

Puccinia horiana on chrysanthemum cut flowers in air baggage from Australia.

Puccinia laguri on *Lagurus ovatus* (grass) in cargo from Spain.

Ring spot virus on watermelon in cargo from Mexico.

Sphenospora kevorkianii on *Epidendrum* sp. leaf in air baggage from the Bahamas, and in aircargo from Honduras; on *Ionopsis utricularioides* leaf in air baggage from Jamaica; and on *Oncidium pulchellum* leaf in air baggage from the Dominican Republic.

Uredo oncidii on *Epidendrum* sp.(?) leaf in air baggage from Nicaragua; and on *Oncidium* spp. in aircargo from Costa Rica, in air baggage from El Salvador, in air baggage and aircargo from Guatemala, in air baggage from Honduras, in aircargo and cargo from Mexico, and in aircargo from Venezuela. *U. oncidii*(?) on *Oncidium pusillum* in airmail from the Canal Zone.

Uromyces fabae on lentils in cargo from Chile.

Uromyces trifolii on Persian clover leaf and seed in mail from Iraq.

NEMATODES

The oat nematode (*Heterodera avenae*) was intercepted a total of 18 times from the following countries: Czechoslovakia, Denmark, England, France, Germany, Japan, Netherlands, and Portugal. These interceptions were taken from soil and soil with the following: Amaryllis and kafirlily, automobiles, chrysanthemum, dahlia, gladiolus, orchid, rutabaga turnip, strawberry, and unknown plants.

The golden nematode (*Heterodera rostochiensis*) was intercepted a total of 82 times from: Argentina, Azores, Belgium, Canary Islands, England, France, Germany, Ireland, Mexico, Netherlands, Norway, Peru, Poland, Scotland, Sweden, and an unknown country. These interceptions were taken from soil samples and from soil with Army tanks, new and used automobiles, bulbs, other plant material, and vegetables.

Other nematodes of special interest were:

Anguina tritici on wheat in baggage from Italy.

Criconemoides informe on unidentified plant in baggage from Mexico.

Gottholdsteineria goodeyi on celery in stores from Norway, in soil with leek in stores from Germany, in soil with carrot in stores from the Netherlands, and in soil with plants in air baggage from Ireland.

Helicotylenchus erythrinae in soil with juniper and mountainash plants in air baggage from Finland.

Helicotylenchus nannus in beet in stores from Ceylon and in soil in air baggage from the American Virgin Islands.

Heterodera humuli(?) in soil with hops in airmail from Yugoslavia.

Heterodera punctata(?) in soil with yam in stores from Japan.

Hoplolaimus proporicus in soil with palm in air baggage from Nicaragua.

Pratylenchus brachyurus in soil with roots of miscellaneous plants in aircargo from British Honduras and in potato tubers in stores from Brazil.

Pratylenchus coffeae in dahlia in mail from the Union of South Africa.

Pratylenchus convallariae in lily-of-the-valley in baggage from England and in cargo from Denmark.

Radopholus similis on India banana in baggage from Hawaii. *R. similis*(?) in soil with miscellaneous plant roots in air baggage from Panama.

Tylenchorhynchus dubius in begonia in air baggage from Belgium, in soil with carrot in stores from the Netherlands, and in soil with miscellaneous plants in air baggage from Italy.

Tylenchorhynchus leptus in soil with tarragon plant in air baggage from France and in soil with juniper and mountainash plants in air baggage from Finland.

Tylenchorhynchus nothus in soil with horseradish in stores from Denmark.

Tylenchus thornei in soil with plant in baggage from Mexico.

Xiphinema americanum in soil with *Beaucarnea* sp. in cargo from Mexico.

The following species of *Meloidogyne* were intercepted from various bulbs, corms, plants, roots, and vegetables: *Meloidogyne arenaria*, *M. arenaria thamesi*, *M. hapla*, *M. incognita*, *M. incognita acrita*, and *M. javanica*. They were intercepted from the following countries: Algeria, Argentina, Australia, Barbados, Brazil, Canada, Canal Zone, Ceylon, Chile, Colombia, Cuba, Czechoslovakia, Dominican Republic, Egypt, England, France, French West Africa, Germany, Guatemala, Honduras, Hong Kong, India, Israel, Italy, Japan, Mexico, Netherlands, New Guinea, New Zealand, Peru, Puerto Rico, Spain, Trinidad, and the Union of South Africa.

INCOMPLETELY DETERMINED PESTS

Specific determinations are sometimes impossible or impracticable due to the stage or condition of the insects or pathogens, or the fact that they are undescribed. Many of these pests may be of economic importance, hitherto unreported from the United States, unknown for the host plant, or unreported from the country of origin. As a matter of record they are included in this separate list, but not in the table. During the fiscal year 1959 there were 2,603 insects and 852 diseases and nematodes, or a total of 3,455 incompletely determined interceptions which are considered to be potential pests.

FRUIT FLIES

There were 181 fruit fly interceptions which were incompletely determined as follows:

Anastrepha sp., possibly *acris* Stone, at Miami, Fla.; an adult in an airplane from Central America.

Anastrepha sp., probably *fraterculus* (Wied.), at Miami, Fla., in coffee berries in air baggage from Colombia; and in purple mombin in air baggage from Costa Rica.

Anastrepha sp., possibly *ludens*, at Brownsville, Tex., in orange and sweet lime in baggage from Mexico; at Nogales, Ariz., in orange and mango in baggage from Mexico; and at Tampa, Fla., in orange in air quarters from El Salvador.

Anastrepha sp., possibly *mombinpraeoptans*, at El Paso, Tex., in guava in baggage from Mexico; at Key West, Fla., in mango in air baggage and baggage from Cuba; at Miami, Fla., in mango and purple mombin in air baggage from Cuba, Ecuador, Guatemala, and Nicaragua; at New Orleans, La., in guava in air baggage from Guatemala, and in mango and yellow mombin in air baggage from Venezuela; at New York, N.Y., in mango in air baggage from Jamaica and in baggage from Trinidad; and at San Pedro, Calif., in yellow mombin in air baggage from Nicaragua.

Anastrepha sp., probably *serpentina*, at Brownsville, Tex., in mamey sapote in air baggage from Nicaragua; at El Paso, Tex., in mamey sapote in baggage from Mexico; and at Miami, Fla., in mamey in air baggage from Cuba, and in sapodilla in air baggage from Curacao, N.W.I.

Anastrepha sp., probably *striata*, at El Paso, Tex., in guava from Mexico; at Hoboken, N.J., in guava in cargo from Panama; at Laredo, Tex., in guava in baggage from Mexico; at New Orleans, La., in guava in air baggage from Costa Rica; at Nogales, Ariz., in guava in baggage from Mexico; and at Roma, Tex., in guava in baggage from Mexico.

Anastrepha sp., probably *suspensa*, at Chicago, Ill., in guava in air mail from Puerto Rico; and at San Juan, P.R., in guava in air baggage from the Dominican Republic and preflight inspection of baggage from Puerto Rico.

Anastrepha sp. was intercepted a total of 80 times at the following ports: Arlington, Va., Baltimore, Md., Brownsville, Tex., Charleston, S.C., Eagle Pass, Tex., El Paso, Tex., Galveston, Tex., Hoboken, N.J., Laredo, Tex., Miami, Fla., Mobile, Ala., New Orleans, La., New York, N.Y., Nogales, Ariz., San Juan, P.R., San Pedro, Calif., San Ysidro, Calif., and Tampa, Fla. The hosts were: Apple, cherimoya, coffee berries, grapefruit, guava, lime, loquat, mamey, mamey sapote, mango, *Matisia cordata*, orange, passionflower fruit, peach, pear, plum, pummelo, purple mombin, quince, red mombin, rose-apple, sapodilla, soursop, star-apple, tropical almond, unidentified fruit, and yellow mombin. These interceptions were taken from air baggage, aircargo, air quarters, air stores, baggage, cargo, quarters, and stores from: Brazil, British Honduras, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Trinidad, an unknown origin, and Venezuela.

Ceratitis sp., probably *capitata*, at New York, N.Y., in apricot in cargo from the Union of South Africa.

Dacus sp. at Boston, Mass., in cucumber in stores from French West Africa and in white marrow in stores purchased in Aden, probably of Egyptian origin; at Honolulu, Hawaii, in Arabian coffee in preflight inspection of air baggage, in mango in air quarters from the Philippines, and in stores from Borneo, in passionflower fruit in preflight inspection of air baggage, in sour cherry in air stores from Australia, and in Cattley guava and guava in aircargo from the Philippines; and at San Pedro, Calif., in fruit of Solanaceae in baggage from Hawaii.

Neotephritis sp. at Washington, D.C., in escorsionera seed heads in mail from Mexico.

Rhagoletis sp., possibly *cerasi*, at Detroit, Mich., in cherries in air baggage and air quarters from an unknown origin.

Rhagoletis sp. at Brownsville, Eagle Pass, and Laredo, Tex., in apple in baggage from Mexico; at New York, N.Y., in cherry in air stores from an unknown origin; at Nogales, Ariz., in tejocote in baggage from Mexico; at San Antonio, Tex., in apple in aircargo from Mexico; and at Washington, D.C., in *Carthamus glaucus* seed in cargo from Iraq.

Tephritinae at Honolulu, Hawaii, attached to receptacle of chrysanthemum flower in air quarters from Japan.

Twenty-four interceptions identified to family only, Tephritidae, were taken from air quarters, Araceae fruit, avocado, cactus leaf, carnation flower, *Centaurea* sp., chestnut, dried pepper, globe artichoke, green fig and bark of fig cutting, *Ochrosia elliptica*, orange, pear, tomato, and wheat seed. These were found in air baggage, air quarters, baggage, cargo, mail, quarters, and stores from: Argentina, Brazil, Formosa, France, Haiti, Hawaii, Iraq, Italy, Liberia, Mexico, Spain, Trinidad, the Union of South Africa, and an unknown origin.

Tephritis sp. at Washington, D.C., in *Podolepis aristata* seeds in aircargo from Australia. Possibly *Tephritis* or a related genus at Eagle Pass, Tex., on chrysanthemum flower in cargo from Mexico.

INSECTS OTHER THAN FRUIT FLIES

Among the incompletely determined insects of interest, other than fruit flies, were the following:

Agriotes sp., probably *lineatus* (L.) (Elateridae), at Chicago, Ill., in soil with shamrock plant in mail from England.

A new species of aleyrodid, genus near *Aleurodicus*, in the subfamily Aleurodicinae, at Brownsville, Tex., on orchid plants in cargo from Mexico.

Aleuroplatus sp. (Aleyrodidae), undescribed, at Nogales, Ariz., on bougainvillea in baggage from Mexico.

Aleyrodidae, apparently a new genus and new species, at Washington, D.C., on *Citropsis* sp. leaf in mail from the Belgian Congo.

Allocorhynus sp. (Curculionidae), an interesting weevil, at Brownsville, Tex., on *Dioon edule* in cargo from Mexico.

Blastodacna sp. (Cosmopterygidae) at Hoboken, N.J., on *Crataegus* sp. stem in cargo from the Netherlands.

A mite, *Brevipalpus* n. sp. (Tenuipalpidae) at Jacksonville, Fla., on lemon in stores from Panama.

Byturus sp., probably *tomentosus* (F.) (Byturidae), at New York, N.Y., in raspberries in air baggage from England.

Cladius sp., probably *difformis* (Panz.) (Tenthredinidae), at Chicago, Ill., on rose in airmail from Germany; and at New York, N.Y., on rose in air baggage from England.

Cleonus sp. (Curculionidae) at Houston, Tex., in beet in stores from France; and at New York, N.Y., in beet in stores from Italy.

Curculionidae, genus unknown, at Philadelphia, Pa., in Kola nut in quarters from Sierra Leone.

Diaprepes sp., evidently *famelicus* (Ol.) (Curculionidae), at New York, N.Y., on lily in aircargo from Bermuda.

Dinomachellus sp., near *maculatus* Scudder (Lygaeidae), genus new to U.S. National Museum collection, at Washington, D.C., with Labiatae seed in aircargo from Angola.

Discocephalinae (Pentatomidae), not in U.S. National Museum collection, probably a new genus and new species, at Miami, Fla., on orchid plant in baggage from Guatemala.

Epicaerus sp. (Curculionidae) at Brownsville, Tex., in potato tuber in baggage and stores from Mexico; at Houston, Tex., in potato in stores from Mexico; and at Laredo, Tex., in potato in baggage from Mexico.

Eriosoma sp. (Aphidae) at Honolulu, Hawaii, on apple in cargo from Tasmania and in air stores and stores from Japan; and at New York, N.Y., on apple in baggage from England.

"*Eulia*" sp. (Tortricidae) at New York, N.Y., in nectarines, peaches, and plums in cargo from Chile.

Gonipterus sp. (Curculionidae) at New York, N.Y., on protea flowers in aircargo from the Union of South Africa.

A curculionid, probably Gymnaetrinae, a very interesting specimen not in the U.S. National Museum, at New York, N.Y., with apricot in cargo from the Union of South Africa.

Gymnandrosoma sp., near or *aurantianum* da Costa Lima (Olethreutidae), at Houston Tex., in orange in stores from Peru.

Haplothrips sp., near *setiger* Pr. (Phlaeothripidae) at New York, N.Y., on buttercup flowers in aircargo from Israel.

"*Lecanium*" sp. (Coccidae) at Washington, D.C., on Mazzard cherry in airmail from Iran.

Lepidosaphes sp., probably *camelliae* Hoke (Coccidae), at Washington, D.C., on *Camellia sasanqua* 'Asahi-Boton' in airmail from Japan.

Lixus sp. (Curculionidae) at New York, N.Y., in beet in stores from Italy; and at Philadelphia, Pa., in beet in stores from Egypt.

Meranoplus sp. (Formicidae), a species not represented in the U.S. National Museum collection, at Washington, D.C., in moss with unidentified plant in aircargo from Nepal.

Mormidea n. sp. (Pentatomidae) at Laredo, Tex., on bromeliad plant in cargo and orchids in baggage and cargo from Mexico; at New York, N.Y., on orchid plants in aircargo from Cuba; and at San Pedro, Calif., with Orchidaceae shakeout in aircargo from Ecuador.

Psyllidae, probably subfamily Pauropsyllinae, new genus near *Paurocephala*, new species, very unusual, at Chicago, Ill., on roses in air quarters from Mexico.

Phenacoccus sp. (Coccidae), not placed as described species, at New York, N.Y., on snowdrop bulbs in cargo from Turkey; and at Washington, D.C., on shore drugsquill bulbs in mail from the Isle of Crete.

Phloeosinus sp., possibly *osumiensis* Muray. (Scolytidae), at Miami, Fla. on "cedar" dunnage from Japan.

Premnotrypes sp. (Curculionidae) at Galveston, Tex., in potato in stores from Peru; at Miami, Fla., in potato in air baggage from Peru; at Mobile, Ala., in potato in stores from Peru; at New Orleans, La., in potato in stores from Ecuador and Peru; and at New York, N.Y., in potato in air baggage from Colombia.

Psylla sp. (Psyllidae) at Chicago, Ill., on pussywillow cuttings in mail from Germany; at Honolulu, Hawaii, on chrysanthemum in baggage from Japan; and at New York, N.Y., on birch leaves and twigs in air baggage from Finland.

Psylliodes sp. (Chrysomelidae) at Boston, Mass., and Galveston, Tex., in turnip in stores from France; and at New York, N.Y., in turnip in stores from Norway.

Pyraustidae, a species not represented by larval stage in the U.S. National Museum collection, at New York, N.Y., on jasmine petals in aircargo from France.

Rhyacionia sp., presumably *duplana* (Hbn.) (Olethreutidae), at Honolulu, Hawaii, on terminal bud of 2-needle pine in air baggage from Japan.

Rhynchites sp. (Curculionidae) at Boston, Mass., in cherry in air stores from France; and at Washington, D.C., in pear in air baggage from the Union of Soviet Socialist Republics.

Rolaspis sp. (Coccidae), does not match any species thus far assigned to the genus, at Dallas, Tex., on leaves and stem of unidentified plant in mail from Southern Rhodesia.

Saissetia sp., closest to *S. exoleta* DeLotto but distinct (Coccidae), at Washington, D.C., on Gabon cherryorange in mail from the Belgian Congo.

Sitona sp. (Curculionidae) at Washington, D.C., on *Medicago* sp. plants with soil in mail from Greece.

Strophosomus sp. (Curculionidae) at Chicago Ill., in forest litter with cut carnations in air baggage from Germany; and at New York, N.Y., with heather in air baggage from Germany, and with mixed cut flowers in aircargo from England.

Tetraleurodes sp. (Aleyrodidae), undescribed, at Honolulu, Hawaii, on teatree in mail from Australia.

Thrips sp. (Thripidae), not familiar species, at Chicago, Ill., on cut lilac in air quarters from Germany.

DISEASES

Incompletely determined pathogens worthy of mention were:

Ceratocystis sp. at New York, N.Y., on *Manihot* sp. twigs in air baggage from Trinidad.

Cercospora sp. at Philadelphia, Pa., on *Chamaedorea* sp. leaf in aircargo from Mexico.

Corynespora sp., probably *cassicola* (Berk. & Curt.) Wei, at Brownsville, Tex., on tuftroot stems in cargo from Mexico.

Elsinoe sp. at Washington, D.C. on *Rhynchosia* sp. seed pods in aircargo from Panama. As far as is known, this is unreported on this host.

Hendersonia sp. at Laredo, Tex., on *Euphorbia* sp. stem in baggage from Mexico. None has been reported on this host as far as is known.

Nectria sp. at Nogales, Ariz., on yucca leaves in baggage from Mexico.

Phyllosticta sp. at Hoboken, N.J., on pachysandra leaf in cargo from England; and at New York, N.Y., on red escallonia leaf in aircargo from Brazil.

Phyllostictina sp. at Brownsville, Tex., on tuftroot in cargo from Mexico; and at Laredo, Tex., on *Beaucarnea* sp. in cargo from Mexico.

Placosphaeria sp. at New York, N.Y., on common screwpine seed in aircargo from Bermuda.

Septoria sp. at Honolulu, Hawaii, on lily bloom stalks in air baggage from Japan.

Sphenospora sp., probably *kevorkianii* Linder, at Miami, Fla., on *Epidendrum* sp. leaf in aircargo from the Canal Zone, and on *Oncidium variegatum* leaf in air baggage from the Dominican Republic.

Sphenospora sp., probably *mera* Cummins, at Laredo, Tex., on *Odontoglossum* sp. in mail from Mexico.

Sphenospora sp. at Laredo, Tex., on *Odontoglossum* sp. in baggage from Mexico; and at Miami, Fla., on *Oncidium pusillum* leaf in airmail from the Canal Zone.

Uredo n. sp. at Laredo, Tex., on *Ornithocephalus bicornis* in cargo from Mexico.

NEMATODES

Aphelenchoides sp., probably *besseyi* Christie, at Miami, Fla., on oncidium leaf in aircargo from El Salvador.

Aphelenchoides sp. at Baltimore, Md., in soil with carrot root in stores from the Netherlands; at Boston, Mass., in soil with bulbs and plants in air baggage from the Azores in soil with carrots in stores from Argentina and in soil with sedum plants in air baggage from France; at El Paso, Tex., in amaryllis bulbs in baggage from Mexico; at Hoboken, N.J., in *Bletilla hyacinthina* stem sheath in cargo from the Netherlands, in dahlia roots in mail from France and Germany and in cargo from Japan, and in *Heuchera* 'Ibis' leaves and stems in cargo from the Netherlands; at New York, N.Y., in soil in aircargo from Germany; at Nogales, Ariz., in violet plants in baggage from Mexico; at Norfolk, Va., in rice straw rugs in cargo from Japan; and at San Ysidro, Calif., in *Limonium* sp. roots and in soil about mint plants in baggage from Mexico.

Aphelenchus sp. at Baltimore, Md., in celery root in stores from France; at Buffalo, N.Y., in soil in baggage from Canada; at El Paso, Tex., in soil with cactus plants in baggage from Mexico; at Miami, Fla., in soil on roots of arrowroot plant in baggage from Cuba; and at Nogales, Ariz., in soil with tuberose bulbs in baggage from Mexico.

Criconema n. sp. at Nogales, Ariz., in soil with tuberose bulbs in baggage from Mexico.

Criconema sp. at Laredo, Tex., in soil with gardenia plants in baggage from Mexico.

Criconemoides n. sp. at Laredo, Tex., in soil with gardenia plants in baggage from Mexico.

Criconemoides sp. at Laredo, Tex., in soil with bromeliad plants in cargo from Mexico; at Miami, Fla., in soil on roots of *Pilea* sp. (?) in air baggage from Guatemala; at Tampa, Fla., in soil in air baggage from Cuba; and at Ysleta, Tex., in soil with viburnum plants in baggage from Mexico.

Ditylenchus sp., probably *destructor*, at Hoboken, N.J., in dahlia roots in mail from France, and in tigerflower bulbs in mail from the Netherlands.

Ditylenchus sp., undescribed, at New York, N.Y., in lily-of-the-valley pips in cargo from Denmark.

Ditylenchus sp. at El Paso, Tex. in soil with Liliaceae plants in baggage from Mexico; at Hoboken, N.J., in dahlia roots in mail from Germany, and in narcissus bulbs in mail from Denmark; at New York, N.Y., in lily-of-the-valley pips in cargo from Denmark; at Nogales, Ariz., in garlic in cargo from Mexico; and at San Pedro, Calif., in narcissus bulbs in cargo from Japan.

Gottholdsteineria sp. at Baltimore, Md., in soil with carrot and turnip roots in stores from the Netherlands, and in soil with turnip roots in stores from England; at Boston, Mass., in dahlia roots in air baggage from Canada, and in soil with tarragon plant in air baggage from France; and at El Paso, Tex., in soil with unidentified plant in baggage from Mexico.

Helicotylenchus sp., undescribed, at Miami, Fla., in soil with miscellaneous plants in aircargo from British Honduras.

Helicotylenchus sp. at Boston, Mass., in soil with bulbs, dahlia roots, and unidentified plants in air baggage from Portugal, in soil with *Echeveria* sp. plants in air baggage from Albania, in soil with rubber tree plant in quarters from the Union of South Africa, and in soil with sansevieria plants in quarters from French Equatorial Africa; at Eagle Pass, Tex., in soil with begonia, caladium, and other plants in baggage from Mexico; at El Paso, Tex., in soil with plant in baggage from Mexico; at Laredo, Tex., with anthurium roots in baggage from Mexico, with roots of unidentified grass in mail from

Mexico, in soil sample and in soil with agave, begonia, bougainvillea, codiaeum, fern, heliconia, hibiscus, jasmine, Liliaceae, philodendron, and unidentified plants, avocado and mango seedlings, and narcissus bulbs in baggage from Mexico, and in soil with *Beaucarnea* sp. and bromeliad plants in cargo from Mexico; at Miami, Fla., in soil on breadfruit roots in aircargo from Cuba, in soil on orchid roots in air baggage from Brazil, and in soil with miscellaneous plants in air baggage from Bolivia and Panama; and at Nogales, Ariz., in soil with asparagus fern in baggage from Mexico.

Heterodera sp., probably *avenae*, at Port Everglades, Fla., in soil on new automobiles in cargo from France.

Heterodera sp., probably *punctata*, at Miami, Fla., in soil with automobile in cargo from Germany.

Heterodera rostochiensis group, may be *H. tabacum* Lownsbery and Lownsbery, at El Paso, Tex., in soil with begonia plant in baggage from Mexico.

Heterodera sp., probably *trifolii* (Goffart) Oostenbrink, at Mobile, Ala., in soil on automobiles in cargo from Germany.

Heterodera sp., probably *weissi* Steiner, at Wilmington, N.C., in soil with used bagging in cargo from Canada.

Heterodera sp. was intercepted 263 times at 27 ports from the following locations: Argentina, Azores, Belgium, Canada, Chile, Czechoslovakia, Denmark, Egypt, England, Europe (country(?)), France, Germany, Greece, Hawaii, Hong Kong, Indonesia, Ireland, Italy, Japan, Lebanon, Mexico, Morocco, Netherlands, New Zealand, Peru, Poland, Portugal, Rumania, Scotland, Spain, Sweden, Turkey, Union of South Africa, an unknown origin, Uruguay, and Yugoslavia. These interceptions were taken from sand ballast, soil as such, and soil with the following: Army vehicles, canned ham cases, clubmoss, conex boxes, cut flowers, earth-moving equipment, ferns, gladiolus corms, lily-of-the-valley pips, miscellaneous bulbs, cuttings, plants, roots, and tubers, new and used automobiles, old bagging, shoes, sod, truffles, and vegetables.

Hoplolaimus sp., an undescribed species, might be considered a new genus, at Laredo, Tex., in soil with cuttings of various plants in baggage from Mexico.

Meloidogyne sp., probably *hapla*, at New York, N.Y., in *Pyrethrum* sp. roots in aircargo from Scotland.

Meloidogyne sp., close to *incognita acrita*, possibly a new species, at Miami, Fla., with heliconia root in air baggage from Cuba.

Meloidogyne sp. at Boston, Mass., with miscellaneous plants in air baggage from Bermuda, in soil with fig plant in air baggage from Italy; at Eagle Pass, Tex., with begonia and other potted plants in baggage from Mexico; at Hoboken, N.J., in achimenes tubers in mail from India, in African violet roots in baggage from Brazil, in *Anemone hepatica* roots in mail from England, in *Artemesia* sp. roots in mail from Germany, in astilbe roots in cargo from the Netherlands; in begonia cuttings in mail from France and in begonia roots and stems in mail from England, in caladium in cargo from Guatemala, in calla lily in cargo from France and Italy, in clematis in cargo from the Netherlands and in mail from England, in *Colocasia* sp. tuber in mail from St. Kitts, in dahlia in mail from Australia, in periwinkle roots in mail from Canada, in *Thalictrum dipterocarpum* 'Hewitt's Double' in cargo from the Netherlands, and in *Thomsonia nepalensis* tubers in cargo from India; at Laredo, Tex., in banana roots and in caladium in cargo from Mexico; at Miami, Fla., in soil on roots of arrowroot plant in baggage from Cuba; at New Orleans, La., in sweetpotato in stores from Peru; and at San Pedro, Calif., in roots of an unidentified plant in air baggage from Costa Rica.

Paraphelenchus sp. at San Diego, Calif., in garlic bulb in stores from Japan.

Pratylenchus sp., probably *penetrans*, at New York, N.Y., in *Aconitum napellus* roots in aircargo from the Netherlands.

Pratylenchus sp., near *penetrans*, at New York, N.Y., in clematis and *Helleborus odoratus* roots in aircargo from the Netherlands.

Pratylenchus sp., undescribed, at New York, N.Y., in yam tubers in baggage from Trinidad.

Pratylenchus sp. at Boston, Mass., in soil with *Colocasia* sp. tubers in air baggage from the Azores; at Laredo, Tex., in soil with miscellaneous plants in baggage from Mexico; at Hoboken, N.J., in anthurium roots in mail from Barbados, in clematis in cargo from the Netherlands, in dahlia in cargo from Japan and in mail from Germany, in bleedingheart in cargo from the Netherlands, in iris in cargo from Japan and in mail from England and the Netherlands, and in torchlily in cargo from the Netherlands; at New York, N.Y., in aconitum, broom, clematis, *Helleborus* sp., and larkspur roots in aircargo from the Netherlands, in *Pulmonaria* sp. roots in aircargo from England, in soil with malanga tuber in cargo from Cyprus, and in yam root in air baggage from Jamaica; and at Tampa, Fla., in soil in air baggage from Cuba.

Psilenchus sp., at El Paso, Tex., in soil with Liliaceae and unidentified plants in baggage from Mexico; and at Nogales, Ariz., in soil with asparagus fern and tuberose bulbs in baggage from Mexico.

Rotylenchulus sp. at San Diego, Calif., in soil with codiaeum in baggage from Nicaragua.

Rotylenchus n. sp. at Boston, Mass., in soil with seed potatoes in air baggage from Scotland.

Rotylenchus sp. at Boston, Mass., in soil with lily-of-the-valley plants in air baggage from England, and in soil with sedum plant in air baggage from Spain.

Scutellonema sp. at Boston, Mass., in soil with amaryllis, "bay" trees, begonias, and gladiolus corms in air baggage from the Azores.

Tylenchorhynchus sp., near *capitatus*, at Brownsville, Tex., in soil with palm plant in baggage from Mexico.

Tylenchorhynchus sp. at Baltimore, Md., in soil with turnip root in stores from England; at Boston, Mass., in sod in mail from Canada, in soil with unidentified roots in air baggage from an unknown origin, and in soil with strawberry plants in air baggage from France; at El Paso, Tex., in soil with begonia plant in baggage from Mexico; at Laredo, Tex., in soil with agave plants, avocado seedling, bougainvillea plants, jasmine, and unidentified plants in baggage from Mexico; and at Norfolk, Va., in rice straw rugs in cargo from Japan.

Tylenchus sp. at Boston, Mass., in aubrieta plants in air baggage from England; at El Paso, Tex., in soil with unidentified plants in baggage from Mexico; at Laredo, Tex., in soil with tractor in cargo from Mexico; at Miami, Fla., in soil with unidentified plants in air baggage from Cuba; at New York, N.Y., in soil in aircargo from Germany; at San Pedro, Calif., in lily-of-the-valley in cargo from Denmark; and at Ysleta, Tex., in soil with unidentified plant in baggage from Mexico.

Xiphinema sp. at Boston, Mass., in ginger root in baggage from Liberia and in soil with sedum plant in air baggage from Spain; at Laredo, Tex., in soil sample and in soil with avocado seedling, begonia, jasmine, and unidentified plants in baggage from Mexico; and at San Juan, P.R., in soil with citrus roots in preflight inspection of air baggage.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
	<i>Number</i>	<i>Number</i>		<i>Number</i>	<i>Number</i>
Africa:			Australasia—Continued		
Africa (country(?))	0	2	Palmyra Island	1	0
Algeria	1	1	Palmyra Island(?)	1	0
Belgian Congo	2	0	Philippines	40	9
Canary Islands	1	1	South Pacific	7	0
Cape Verde Islands	1	0	Tahiti	4	0
East Africa (country(?))	1	0	Wake Island	1	0
Egypt	15	1	West Pacific	2	0
French West Africa	1	3	Europe:		
Kenya	4	0	Austria	1	7
Liberia	4	0	Azores	7	4
Libya	11	0	Belgium	18	8
Morocco	73	0	Czechoslovakia	1	9
Morocco(?)	2	0	Denmark	3	7
Mozambique	0	4	England	114	63
Nigeria	1	0	Europe (country(?))	4	1
Nigeria(?)	1	0	Finland	4	2
North Africa (country(?))	4	0	France	66	20
Sierra Leone	1	0	Germany	41	57
Tanganyika	0	1	Germany(?)	1	0
Tunisia	3	0	Great Britain (country(?))	2	0
Union of South Africa	55	83	Greece	32	1
Asia:			Hungary	1	0
Afghanistan	2	1	Ireland	155	6
Burma	1	0	Italy	344	29
Ceylon	2	5	Luxembourg	1	0
China	7	23	Malta	6	0
Cyprus	1	1	Netherlands	61	48
Federation of Malaya	4	2	Northern Ireland	2	0
Formosa	23	14	Norway	3	2
Hong Kong	10	55	Poland	12	1
India	12	9	Portugal	34	2
India(?)	0	1	Rumania	1	0
Indonesia	1	0	Scotland	18	9
Iran	4	0	Spain	41	8
Iraq	2	1	Sweden	13	5
Israel	7	2	Switzerland	8	15
Japan	449	481	Union of Soviet Socialist R		
Japan(?)	6	0	publics	1	1
Jordan	1	0	Yugoslavia	4	2
Lebanon	3	2	North America:		
Nepal	2	0	Bermuda	25	0
Pakistan	2	0	Canada	4	9
Singapore	5	1	Central America:		
Syria	1	0	British Honduras	8	3
Thailand	1	0	Canal Zone	32	5
Turkey	5	1	Central America (country(?))	1	0
Turkey(?)	2	0	Costa Rica	40	9
Vietnam	4	0	El Salvador	33	1
Vietnam(?)	0	1	Guatemala	36	9
Australasia:			Honduras	18	4
American Samoa	2	0	Nicaragua	17	2
Australia	48	62	Panama	40	3
Borneo	1	0	Iceland	1	0
British Samoa	0	19	Mexico	499	302
Canton Island	1	0	West Indies:		
Christmas Island	1	0	American Virgin Islands	1	1
Eniwetok	3	1	Anguilla	2	0
Fiji Islands	12	0	Antigua	5	0
Guam	10	1	Aruba	1	0
Guam(?)	4	0	Bahamas	14	4
Hawaii	436	5	Barbados	12	1
Hawaii(?)	0	1	British West Indies (island(?))	13	0
Kwajalein	4	0	Cuba	105	13
Kwajalein(?)	1	0	Curacao	1	1
Mariana Islands	1	0	Dominican Republic	33	3
Midway Islands	1	0	Haiti	20	3
Midway Islands(?)	2	0	Jamaica	49	6
Netherlands East Indies	1	0	Puerto Rico	53	6
New Caledonia	2	0	St. Kitts	5	0
New Guinea	0	1	Tortola	6	0
New Zealand	0	2	Trinidad	29	5
Norfolk Island	0	4			
Okinawa	5	4			

Summary of Numbers of Interceptions Listed in Main Table—Continued

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
South America:			Totals:		
Argentina.....	13	62	Africa.....	181	96
Argentina(?).....	0	1	Asia.....	557	600
Bolivia.....	1	1	Australasia.....	591	109
Brazil.....	60	70	Europe.....	999	307
British Guiana.....	5	1	North America.....	1,103	390
Chile.....	34	10	South America.....	234	169
Colombia.....	14	1	Unknown.....	38	21
Ecuador.....	79	10			
Paraguay.....	0	5	Total.....	3,703	1,692
Peru.....	8	6	Total incompletely deter-		
South America (country(?)).....	1	0	mined pests.....	2,603	852
Surinam.....	3	0			
Uruguay.....	0	1	Total insect interceptions.....	6,306	-----
Venezuela.....	15	1	Total disease interceptions.....	-----	2,544
Venezuela(?).....	1	0	Grand total*.....	-----	8,850

* This total represents only pests of known or potential plant quarantine importance or certain organisms of scientific significance. The total of all interceptions made during the year was 25,296.

NOTE.—Interceptions were also made from Albania, Angola, Cameroons, Crete, Ethiopia, Federation of Rhodesia and Nyasaland, French Equatorial Africa, Ghana, Greenland, Korea, Lithuania, Montserrat, St. Lucia, St. Vincent, and Saudi Arabia.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Non-entry	Propaga- tion	
<i>Acalymma trivittata</i> (Mann.) (Chrysomelidae):					
<i>Bromelia</i> sp.....	Mexico.....			1	Tex.
<i>Chrysanthemum</i> sp.....	do.....	1			Calif.
<i>Acalypta parvula</i> (Fallén) (Tingidae):					
<i>Calluna vulgaris</i> (heather).....	Ireland.....			1	Mass.
<i>Acanthoscelides bixae</i> (Drapiez) (Bruchidae):					
<i>Bixa orellana</i>	Brazil.....	1			Calif.*
<i>Acanthosoma haemorrhoidale</i> (L.) (Pentatomidae):					
<i>Arbutus</i> sp. (madrone).....	Ireland.....			1	N.Y.
<i>Rhododendron</i> sp.....	England.....	1			N.Y.
<i>Aceria marochelus</i> (Nal.) (Eriophyidae):					
<i>Acer</i> sp. (maple).....	France.....		2		Mass.
<i>Aceria macrorhynchus</i> (Nal.) (Eriophyidae):					
<i>Acer</i> sp. (maple).....	do.....		1		Mass.
<i>Aceria tulipae</i> (Keif.) (Eriophyidae):					
<i>Allium cepa</i> (onion).....	do.....	1			Tex.
<i>Achatina achatina</i> (L.) (Achatinidae):					
Cargo—general.....	Liberia.....	1			N.Y.
<i>Achatina fulica</i> Fer. (Achatinidae):					
Baggage.....	Hawaii.....	1			Calif.*
Mail parcel.....	do.....	1			Hawaii.
<i>Aconophora sinanjensis</i> Fowl. (Membracidae):					
<i>Carica papaya</i> (papaya).....	Mexico.....	1			Tex.
<i>Acrolepia assectella</i> (Zell.) (Hyponomeutidae):					
<i>Allium porrum</i> (leek).....	France, Italy, Netherlands, Portugal.....		5		Pa., S.C.
<i>Adelphocoris lineolatus</i> (Goeze) (Miridae):					
Airplane.....	Unknown.....		1		N.J.
<i>Adoxophyes orana</i> (F. R.) (Tortricidae):					
<i>Malus sylvestris</i> (apple).....	Germany.....	1			N.Y.
<i>Syringa</i> sp. (lilac).....	Netherlands.....	3			N.Y.
<i>Aeneolamia varia</i> (F.) (Cercopidae):					
Airplane.....	Trinidad.....		2		P.R.
<i>Aeneolamia varia saccharina</i> (Dist.) (Cercopidae):					
Airplane.....	British West Indies (island(?)), Jamaica, Trinidad.....		15		P.R.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Aeolothrips tenuicornis</i> Bagn.(?) (Aeolothripidae):					
<i>Ranunculus</i> sp. (buttercup)-----	Israel-----	1			N.Y.
<i>Aethus indicus</i> (Westw.) (Cydnidae):					
Airplane-----	Japan-----		1		Hawaii.
<i>Aganactesis indecora</i> Dyar (Galleriidae):					
<i>Cassia fistula</i> (goldenshower senna)-----	Haiti-----	1			Fla.
<i>Agonozena pyrogramma</i> Meyr. (Agonoxenidae):					
<i>Cocos nucifera</i> (coconut)-----	Guam-----	1			Hawaii.
<i>Agrostothrips guillarmodi</i> Hood (Thripidae):					
<i>Anthistiria triandra</i> -----	Union of South Africa-----			1	D.C.
<i>Chrysopogon montanus</i> -----	do-----			1	D.C.
<i>Harpechloa capensis</i> -----	do-----			1	D.C.
<i>Hyparrhenia hirta</i> -----	do-----			1	D.C.
<i>Panicum deustum</i> -----	do-----			1	D.C.
<i>Alcidodes dentipes</i> (Ol.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)-----	Sierra Leone-----		1		Pa.
<i>Aleurocanthus spiniferus</i> (Q.) (Aleyrodidae):					
<i>Psidium</i> sp.-----	Philippines-----	1			Hawaii.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus limon</i> (lemon)-----	Mexico-----	1			Ill.
<i>C. sinensis</i> (orange)-----	do-----	1			Ariz.
<i>Citrus</i> sp.-----	Jamaica, Mexico-----	7			Mass., Tex.
<i>Psidium guajava</i> (guava)-----	Mexico-----	1			Ariz.
<i>Aleuroglandulus emmae</i> Rsl. (Aleyrodidae):					
Orchid-----	do-----			3	Calif.,* Tex.
<i>Aleuroparadoxus gardeniae</i> Rsl. (Aleyrodidae):					
<i>Coffea</i> sp. (coffee)-----	do-----			1	Ariz.
<i>Aleuroplatus variegatus</i> Q. & B.(?) (Aleyrodidae):					
Palm-----	do-----	1			Tex.
<i>Aleurothrixus floccosus</i> (Mask.) (Aleyrodidae):					
<i>Citrus sinensis</i> (orange)-----	Brazil-----		1		Tex.
<i>Aleurotuberculatus jasmini</i> Takah. (Aleyrodidae):					
<i>Jasminum</i> sp. (jasmine)-----	Philippines-----			1	Wash.
<i>Althos graptosternus</i> Stal (Coreidae):					
Orchid-----	Ecuador-----			1	Calif.*
<i>Althos obscurus</i> (F.) (Coreidae):					
<i>Bromelia</i> sp.-----	Mexico-----			1	Tex.
Bromeliad-----	do-----			1	Tex.
<i>Anacentrinus insularis</i> Buch. (Curculionidae):					
<i>Saccharum officinarum</i> (sugarcane)-----	Cuba-----	1			Fla.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Calocarpum sapota</i> (sapote)-----	Mexico-----	3			Calif., Tex.
<i>Citrus aurantifolia</i> (sweet lime)-----	Guatemala, Mexico-----	12			Ariz., La., Tex.
<i>C. limon</i> var. <i>ponderosa</i> (ponderosa lemon)-----	Mexico-----	1			Tex.
<i>C. paradisi</i> (grapefruit)-----	do-----	10			Ariz., La., Tex.
<i>C. sinensis</i> (orange)-----	do-----	48	5		Ariz., La., Tex.
<i>Cydonia oblonga</i> (quince)-----	do-----	1			Tex.
<i>Mangifera indica</i> (mango)-----	Guatemala, Mexico-----	61			Ariz., Calif., Calif.,* Ill., La., Tex.
<i>Prunus persica</i> (peach)-----	Mexico-----	4			Ariz., Tex.
<i>Punica granatum</i> (pomegranate)-----	do-----	1			Tex.
<i>Pyrus communis</i> (pear)-----	do-----	7			Tex.
<i>Anastrepha mombinpraeoptans</i> Seín (Tephritidae):					
<i>Mangifera indica</i> (mango)-----	American Virgin Islands, Colombia, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Trinidad.	76	9		Calif., Calif.,* Fla., La., N.J., N.Y., Pa., P.R., S.C., Tex.

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<i>Anastrepha mombinpraeoptans</i> Seín (Tephritidae)—Con.					
<i>Psidium guajava</i> (guava)-----	Puerto Rico-----	1	-----	-----	N.Y.
<i>Spondias cytherea</i> (vi-apple)-----	El Salvador-----	1	-----	-----	Fla.
<i>S. mombin</i> (yellow mombin)-----	Central America (country(?)), Costa Rica, El Salvador, Guatemala, Nica- ragua.	10	1	-----	Calif.,* Ia.
<i>S. purpurea</i> (purple mombin)-----	Cuba, El Salvador, Guatemala, Mexico, Nicaragua.	10	-----	-----	Calif., Fla., La., Tex.
<i>Spondias</i> sp.-----	Cuba-----	1	-----	-----	N.Y.
<i>Terminalia catappa</i> (tropical almond)-----	Jamaica-----	1	-----	-----	Fla.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)-----	Guatemala-----	2	-----	-----	Calif.*
<i>Anastrepha striata</i> Schin. (Tephritidae):					
<i>Psidium guajava</i> (guava)-----	Mexico-----	2	-----	-----	Ariz., Tex.
<i>Anastrepha striata</i> Schin.(?) (Tephritidae):					
<i>Psidium guajava</i> (guava)-----	El Salvador, Mexico-----	2	-----	-----	Ariz., Calif.*
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Psidium guajava</i> (guava)-----	Cuba, Puerto Rico-----	6	-----	-----	Fla., Ill., P.R.
<i>Ancylostomia stercorea</i> (Zell.) (Phycitidae):					
"Bean"-----	Panama-----	2	-----	-----	Fla.
<i>Cajanus cajan</i> (pigeonpea)-----	Bahamas, Dominican Republic, Haiti, Jamaica, Panama, Puerto Rico, St. Kitts, Tortola, Trinidad.	32	4	-----	Fla., N.C., N.Y., P.R., St. Thomas & St. John.
<i>Phaseolus lunatus macrocarpus</i> (lima bean)-----	Bahamas-----	1	-----	-----	Fla.
<i>Andrector atrofasciata</i> (Jac.) (Chrysomelidae):					
<i>Lactuca sativa</i> (lettuce)-----	Unknown-----	-----	1	-----	S.C.
<i>Anisolabis marginalis</i> (Dohrn) (Labiduridae):					
Sphagnum moss (packing with plants)-----	Japan-----	-----	-----	1	N.J.
<i>Anthonomus albolineatus</i> Champ. (Curculionidae):					
Orchid-----	Mexico-----	-----	-----	2	Tex.
<i>Anthonomus rectirostris</i> (L.) (Curculionidae):					
<i>Prunus</i> sp. (cherry)-----	Germany-----	1	-----	-----	Mich.
<i>Antonina bambusae</i> (Mask.) (Coccidae):					
Bamboo-----	Hawaii-----	-----	-----	2	Hawaii.
<i>Anuraphis cardui</i> (L.) (Aphidae):					
<i>Cynara scolymus</i> (artichoke)-----	France, Italy-----	4	-----	1	N.Y.
<i>Anuraphis tulipae</i> (Fonsc.) (Aphidae):					
<i>Iris</i> sp.-----	England-----	-----	-----	2	N.J.
<i>Tulipa</i> sp.-----	Netherlands-----	-----	-----	4	N.J., N.Y., Tex.
<i>Aonidiella citrina</i> (Coq.) (Coccidae):					
<i>Citrus reticulata</i> (Mandarin orange)-----	Japan-----	1	-----	-----	Hawaii.
<i>C. sinensis</i> (orange)-----	Japan, unknown-----	1	2	-----	Calif.,* Hawaii.
<i>Citrus</i> sp.-----	Australia, Japan-----	-----	2	-----	Fla., Hawaii.
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Cocos nucifera</i> (coconut)-----	Guam-----	2	-----	1	Calif.,* Hawaii.
<i>Cycas revoluta</i> -----	Japan-----	1	-----	-----	Hawaii.
<i>Masdevallia</i> sp. (orchid)-----	Ecuador-----	-----	-----	1	Calif.*
Palm-----	Japan-----	1	-----	-----	Hawaii.
<i>Apion carduorum</i> Kirby (Curculionidae):					
<i>Cynara scolymus</i> (artichoke)-----	Italy-----	4	-----	-----	N.Y.
<i>Araecerus levipennis</i> Jord. (Anthribidae):					
<i>Leucaena glauca</i> -----	Hawaii-----	5	-----	-----	Hawaii.
<i>Arion ater</i> (L.) (Arionidae):					
<i>Dianthus caryophyllus</i> (carnation)-----	England-----	-----	-----	1	N.Y.
<i>Juglans regia</i> (English walnut)-----	France-----	-----	-----	1	D.C.
Soil with miscellaneous plants-----	Ireland-----	-----	-----	1	Mass.

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<i>Arion circumscriptus</i> Johnston (Arionidae):					
<i>Brassica oleracea capitata</i> (cabbage)-----	France-----		1		St. Thomas & St. John
<i>Dianthus caryophyllus</i> (carnation)-----	England-----			1	N.Y.
<i>Paeonia</i> sp. (peony)-----	Belgium-----			1	N.Y.
<i>Trifolium repens</i> var. (shamrock)-----	Ireland-----	1			N.Y.
<i>Tulipa</i> sp. (tulip)-----	Netherlands-----	1			N.Y.
<i>Arion hortensis</i> Fer. (Arionidae):					
<i>Apium graveolens</i> (celery)-----	Netherlands-----		1		Pa.
<i>Brassica oleracea capitata</i> (cabbage)-----	do-----		1		Pa.
<i>Juglans regia</i> (English walnut)-----	France-----			1	D.C.
<i>Lactuca sativa</i> (lettuce)-----	Ireland-----		1		Mass.
Roots of unknown plant-----	Unknown-----			1	N.Y.
Soil with <i>Leontopodium</i> sp. (edelweiss)-----	Germany-----			1	Mich.
Soil with plants-----	Netherlands-----			1	N.Y.
<i>Viola</i> sp. (violet)-----	France-----	1			N.Y.
<i>Aspidaphium cuspidati</i> Stroyan (?) (Aphidae):					
With <i>Fraxinus</i> sp. (ash)-----	Germany-----			1	D.C.
<i>Aspidiotus britannicus</i> Newst. (Coccidae):					
<i>Buxus</i> sp. (boxwood)-----	Portugal-----		1		Mass.
<i>Aspidiotus degeneratus</i> (Leon) (Coccidae):					
<i>Camellia japonica</i> (camellia)-----	Japan-----			1	N.J.
<i>Laurus nobilis</i> (Grecian laurel)-----	Italy-----			1	Mass.
<i>Laurus</i> sp.-----	Japan-----		1		Fla.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Artocarpus communis</i> (breadfruit)-----	British Guiana-----			1	Fla.
<i>Cocos nucifera</i> (coconut)-----	Bahamas, Tahiti-----	2			Fla., Hawaii.*
Orchid-----	Kenya-----			1	Fla.
Palm-----	Honduras-----			1	Fla.
<i>Roystonea regia</i> (royal palm)-----	Cuba-----			1	Fla.
<i>Terminalia catappa</i> (tropical almond)-----	Jamaica-----			1	Fla.
<i>Aspidiotus diffinis</i> Newst. (Coccidae):					
<i>Theobroma cacao</i> (cacao)-----	Ecuador-----			1	D.C.
<i>Aspidiotus excisus</i> Green (Coccidae):					
<i>Chlorophytum</i> sp.-----	Philippines-----			1	Hawaii.
<i>Aspidiotus hedericola</i> Ldgr. (Coccidae):					
<i>Hedera</i> sp. (ivy)-----	Turkey-----			1	Mass.
<i>Aspidiotus herculeanus</i> Ckll. & Hadden (Coccidae):					
Bark-----	Cuba-----	1			Fla.
<i>Spondias mombin</i> (yellow mombin)-----	Nicaragua-----	1			Calif.*
<i>Aspidiotus palmarum</i> Ckll. (Coccidae):					
<i>Chlorophytum</i> sp.-----	Philippines-----			1	Hawaii.
<i>Hedera</i> sp. (?)-----	Costa Rica-----			1	Fla.
<i>Asterobemisia carpini</i> (Koch) (Aleyrodidae):					
<i>Rubus</i> sp.-----	France-----		1		Mass.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo-----	Hawaii-----	1		1	Hawaii.
<i>Asterolecanium epidendri</i> (Bouché) (Coccidae):					
<i>Brassia verrucosa</i> (orchid)-----	Costa Rica-----			1	Calif.*
<i>Broughtonia</i> sp. (orchid)-----	Jamaica-----			2	Fla.
<i>Bulbophyllum rothschildianum</i> (orchid)-----	Costa Rica-----			2	Hawaii.*
<i>Cattleya</i> sp. (orchid)-----	Brazil, Costa Rica-----			3	Fla.
<i>Coelogyne</i> sp. (orchid)-----	Costa Rica-----			1	Fla.
<i>Epidendrum brassavolae</i> (orchid)-----	do-----			1	Fla.
<i>Epidendrum</i> sp.-----	Bahamas, Cuba-----			2	Fla.
<i>Oncidium hyphaematicum</i> (orchid)-----	Ecuador-----			1	Fla.
<i>Oncidium</i> sp.-----	Jamaica-----			1	Fla.
Orchid-----	Bolivia, Brazil, Costa Rica, Ecuador, Guatemala, Jamaica, Mexico.			10	Calif.,* Fla., P.R., Tex.
<i>Vanda</i> sp. (orchid)-----	Jamaica-----			1	Fla.
<i>Aulacaspis latissima</i> (Ckll.) (Coccidae):					
<i>Rosa wichuraiana</i> -----	Japan-----			1	D.C.
<i>Aulacaspis mangiferae</i> (Newst.) (Coccidae):					
<i>Mangifera indica</i> (mango)-----	El Salvador, Panama-----	5			Calif.*
<i>Baris lepidii</i> Germ. (Curculionidae):					
<i>Armoracia rusticana</i> (horseradish)-----	Poland-----		1		N.C.

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<i>Batrachedra linaria</i> Clarke (Cosmopterygidae):					
<i>Agave</i> sp.-----	Mexico-----			1	Calif.
<i>Bephrata maculicollis</i> Cam. (Eurytomidae):					
<i>Annona muricata</i> (soursop)-----	Venezuela-----	1			Fla.
<i>Blissus diplopterus</i> Dist. (Lygaeidae):					
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee)-----	Union of South Africa-----	1			N.Y.
<i>Prunus armeniaca</i> (apricot)-----	do-----	2			N.Y.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic)-----	Italy-----	1			N.Y.
<i>Brachycerus alirius</i> (F.) (Curculionidae):					
<i>Allium sativum</i> (garlic)-----	do-----	4			N.Y.
<i>Brachystethus rubromaculatus</i> Dallas (Pentatomidae):					
Orchid-----	British Honduras-----			1	Fla.
<i>Bradybaena similaris</i> (Fer.) (Bradybaenidae):					
<i>Allium</i> sp.-----	Hawaii-----	1			Hawaii.
<i>Anthurium</i> sp.-----	do-----	7			Hawaii.
<i>Brassica rapa</i> (turnip)-----	Brazil-----		1		P.R.
<i>Codiaeum</i> sp. (codiaeum)-----	Hawaii-----	1			Hawaii.
<i>Cordyline terminalis</i> (ti)-----	do-----	3			Hawaii.
Flowers and foliage-----	do-----	2			Hawaii.
Foliage-----	do-----	1			Hawaii.
<i>Heliconia</i> sp.-----	do-----	2			Hawaii.
Herbs-----	Cuba-----	1			Fla.
<i>Lilium</i> sp. (lily)-----	Bermuda-----	1			N.Y.
<i>Musa paradisiaca sapientum</i> (banana)-----	do-----	1			N.Y.
Orchid-----	Brazil, Hawaii-----	2		1	Fla., Hawaii.
<i>Pedilanthus</i> sp. (slipperflower)-----	Hawaii-----			1	Hawaii.
<i>Phaeomeria speciosa</i> -----	do-----	1			Hawaii.
<i>Vanda joaquimiae</i> (orchid)-----	do-----	8			Hawaii.
<i>Vanda</i> sp.-----	do-----	16			Hawaii.
<i>Bradybaena similaris</i> (Fer.) (?) (Bradybaenidae):					
<i>Lycoris chinensis</i> -----	Hong Kong-----			1	Hawaii.
<i>Brevipalpus obovatus</i> Donn. (Tenuipalpidae):					
Cutting—unidentified-----	Bermuda-----	1			Mass.
<i>Brevipalpus phoenicis</i> (Geijskes) (Tenuipalpidae):					
<i>Carica papaya</i> (papaya)-----	Cuba-----	1			Fla.
<i>Citrus aurantifolia</i> (sour lime)-----	Argentina-----	1			Fla.
<i>C. limon</i> (lemon)-----	Costa Rica, Italy-----	1	1		Fla., N.Y.
<i>C. sinensis</i> (orange)-----	Cuba-----	1			Fla.
<i>Litchi chinensis</i> (lychee)-----	Hawaii-----	2			Hawaii.
<i>Stenandrium lindenii</i> -----	Jamaica-----			1	Hawaii.
<i>Bryobia ehari</i> Pritchard & Keifer (Tetranychidae):					
<i>Chrysanthemum</i> sp.-----	Japan-----	1			Hawaii.
<i>Cactophagus validirostris</i> (Gyll.) (Curculionidae):					
<i>Philodendron</i> sp.-----	Mexico-----			1	Tex.
<i>Callidium rufipenne</i> Motsch. (Cerambycidae):					
Quarters of a merchant vessel-----	Japan-----		1		Fla.
Wood-----	do-----	2	1		Calif.*, Fla.
<i>Callirhytis glandium</i> (Giraud) (Cynipidae):					
<i>Quercus</i> sp. (oak)-----	Portugal-----	1			N.Y.
<i>Capaneus tetricus</i> Stal (Coreidae):					
Bromeliads-----	Mexico-----			1	Tex.
Orchid-----	Canal Zone, Mexico-----			2	Fla., Tex.
<i>Capitophorus braggii</i> (Gill) (?) (Aphidae):					
Herbs-----	Mexico-----	1			Ill.
<i>Carposina niponensis</i> Wlghm. (Carposinidae):					
<i>Malus sylvestris</i> (apple)-----	Japan-----	1	5		Hawaii, Pa., Wash.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Arachis hypogaea</i> (peanut)-----	French West Africa-----	1			N.Y.
<i>Cassia javanica</i> (appleblossom senna)-----	Hawaii-----	1			Hawaii.
<i>Cassia</i> sp.-----	do-----	2			Hawaii.
Legume-----	do-----			1	Hawaii.
<i>Tamarindus indica</i> (tamarind)-----	Netherlands East Indies-----	1			N.Y.
<i>Tamarindus</i> sp.-----	Jamaica-----	1			Md.

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<i>Cassida circumdata</i> Hbst. (Chrysomelidae):					
Airplane	Guam		1		Hawaii.
<i>Cecilioides acicula</i> (Müller) (Achatinidae):					
Cactus	Italy			1	N.Y.
Soil with <i>Citrus limon</i> (lemon) plant	do			1	Mass.
Soil with <i>Dahlia</i> sp. and <i>Gladiolus</i> sp.	France			1	Mass.
Soil with miscellaneous plants	Italy			1	Mass.
<i>Viola</i> sp. (violet)	do			1	N.Y.
<i>Cecilioides aperta</i> (Swainson) (Achatinidae):					
Soil	Dominican Republic	1			Fla.
Soil with <i>Mentha</i> sp. (mint) plant	Cuba	1			Fla.
<i>Cenopalpus pulcher</i> (C. & F.) (Tenuipalpidae):					
<i>Prunus amygdalus</i> (almond)	Iran			1	D.C.
<i>Pyrus</i> sp. (pear)	France			1	D.C.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Citrus grandis</i> (pummelo)	Italy, unknown	1	1		Mass., N.Y.
<i>C. paradisi</i> (grapefruit)	Brazil, Egypt		4		Pa., Tex.
<i>C. reticulata</i> (Mandarin orange)	Argentina, Cyprus, Italy, Spain, Syria.	7	3		Mass., N.Y.
<i>C. sinensis</i> (orange)	Argentina, Costa Rica, Egypt, Israel, Italy, Portugal, Spain, unknown.	8	11		Pa., Calif.,* Ga., Mass., N.Y., Pa., Tex.
<i>Coffea arabica</i> (Arabian coffee)	Hawaii	14			Calif.,* Hawaii.
<i>Coffea</i> sp.	Brazil, Costa Rica	4		1	Fla., N.Y.
<i>Cydonia oblonga</i> (quince)	Greece, Italy	7			N.Y.
<i>Eriobotrya japonica</i> (loquat)	Italy, Tunisia	2			Mass., N.Y.
<i>Ficus carica</i> (fig)	Argentina, Italy, Spain.	3			Mass., N.Y.
<i>Malus sylvestris</i> (apple)	Europe (country(?)), Greece, Portugal.	2	1		N.Y.
<i>Opuntia humifusa</i> (pricklypear)	Italy	6			Mass., N.Y.
<i>Prunus armeniaca</i> (apricot)	France, Italy		2		Mass., N.Y.
<i>P. persica</i> (peach)	Europe (country(?)), Israel, Italy, Spain, unknown.	6	3		Mass., N.J., N.Y., P.R.
<i>Psidium guajava</i> (guava)	Portugal	2			Mass.
<i>Pyrus communis</i> (pear)	Greece, Israel, Italy	4			Mass., N.Y.
<i>Terminalia catappa</i> (tropical almond)	Hawaii	1			Calif.*
<i>Vitis</i> sp. (grape)	Italy	1			N.Y.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Calophyllum inophyllum</i> (Indiapoon beauty-leaf).	Hawaii	1			Hawaii.
<i>Citrus sinensis</i> (orange)	Italy, Union of South Africa, unknown.	1	3		La., Mass.
<i>Coffea arabica</i> (Arabian coffee)	Hawaii	2			Calif.,* Hawaii.
<i>Coffea</i> sp.	Brazil	2			Fla., N.Y.
<i>Ficus carica</i> (fig)	Italy	1			N.Y.
<i>Cerconota anonella</i> (Sepp) (Stenomidae):					
<i>Annona muricata</i> (soursop)	Ecuador	1			N.Y.
<i>A. reticulata</i> (custard-apple)	Brazil	1			N.Y.
<i>Ceroplastes japonicus</i> Green (Coccidae):					
<i>Punica granatum</i> (pomegranate)	Japan			1	Calif.*
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Alyxia olivaeformis</i> (maile alyxia)	Hawaii	3			Hawaii.
<i>Anthurium</i> sp.	do	3			Hawaii.
<i>Gardenia</i> sp.	Australia	1			Hawaii.
<i>Ceroplastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig)	Argentina, Greece			2	N.Y., P.R.
<i>Chalciope hyppasia</i> (Cram.) (Noctuidae):					
Airplane	Japan		1		Hawaii.
<i>Chelysoma variabilis</i> (H.-S.) (Pentatomidae):					
<i>Chamaedorea oblongata</i> (palm)	Mexico	1			Tex.
<i>Chilo loftini</i> Dyar (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane)	do	14			Ariz., Calif., Tex.
<i>Zea mays</i> (corn)	do	6			Ariz.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Chilo suppressalis</i> (Wlk.) (Crambidae): <i>Oryza sativa</i> (rice)-----	Japan, Spain-----	6	1	-----	Calif.,* Hawaii, P.R., Wash.
<i>Chionaspis asiatica</i> Arch. (Coccidae): <i>Prunus avium</i> (Mazzard cherry)-----	Iran-----	-----	-----	2	D.C.
<i>Chionaspis salicis</i> (L.) (Coccidae): Bark-----	Austria-----	1	-----	-----	Mass.
<i>Betula</i> sp. (birch)-----	Germany-----	-----	-----	1	Ill.
<i>Chirothrips egregius</i> zur Strassen (Thripidae): <i>Eragrostis bicolor</i> (lovegrass)-----	Union of South Africa-----	-----	-----	1	D.C.
<i>E. brizoides</i> -----	do-----	-----	-----	1	D.C.
<i>E. lehmanniana</i> -----	do-----	-----	-----	1	D.C.
<i>E. superba</i> -----	do-----	-----	-----	2	D.C.
Grass seed-----	do-----	-----	-----	1	Md.
<i>Chirothrips hoodi</i> Jacot-Guill. (Thripidae): <i>Hyparrhenia hirta</i> -----	do-----	-----	-----	1	D.C.
<i>Hyparrhenia</i> sp.-----	do-----	-----	-----	1	D.C.
<i>Chirothrips pretorianus</i> Hood (Thripidae): <i>Alloteropsis semialata</i> -----	do-----	-----	-----	1	D.C.
<i>Echinochloa pyramidalis</i> -----	do-----	-----	-----	1	D.C.
<i>Eragrostis bicolor</i> (lovegrass)-----	do-----	-----	-----	1	D.C.
<i>E. biflora</i> -----	do-----	-----	-----	1	D.C.
<i>E. brizoides</i> -----	do-----	-----	-----	1	D.C.
<i>E. capensis</i> -----	do-----	-----	-----	1	D.C.
<i>E. curvula</i> -----	do-----	-----	-----	1	D.C.
<i>E. lehmanniana</i> -----	do-----	-----	-----	1	D.C.
<i>E. obtusa</i> -----	do-----	-----	-----	1	D.C.
<i>Eragrostis</i> sp.-----	do-----	-----	-----	1	D.C.
<i>Fingerhuthia sesleriaeformis</i> -----	do-----	-----	-----	1	D.C.
<i>Tetrachne dregei</i> -----	do-----	-----	-----	1	D.C.
<i>Chrysomphalus agavis</i> (Townsend & Ckll.) (Coccidae): <i>Agave victoriae-reginae</i> -----	Mexico-----	-----	-----	1	Tex.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae): <i>Persea americana</i> (avocado)-----	do-----	1	-----	-----	Tex.
<i>Chrysomphalus calurus</i> (Ckll.) (Coccidae): <i>Spondias mombin</i> (yellow mombin)-----	El Salvador, Guatemala-----	2	-----	-----	Calif.*
<i>Chrysomphalus nigropunctatus</i> (Ckll.) (Coccidae): <i>Epidendrum</i> sp. (orchid)-----	Mexico-----	-----	-----	1	Tex.
Orchid-----	do-----	-----	-----	1	Tex.
<i>Philodendron</i> sp.-----	do-----	-----	-----	1	Tex.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae): <i>Achras zapota</i> (sapodilla)-----	do-----	-----	-----	1	D.C.
<i>Citrus aurantifolia</i> (sour lime)-----	Brazil-----	-----	1	-----	Fla.
<i>C. sinensis</i> (orange)-----	Argentina, Brazil, Mexico-----	1	3	-----	Calif.*
<i>Mangifera indica</i> (mango)-----	Mexico, Nicaragua-----	3	-----	-----	Calif.*
<i>Myristica</i> sp.-----	Barbados-----	-----	-----	1	N.Y.
<i>Philodendron</i> sp.-----	Brazil-----	-----	-----	2	D.C.
<i>Vriesia</i> sp.-----	do-----	-----	-----	1	D.C.
<i>Chrysomphalus pinnulifer</i> (Mask.) (Coccidae): <i>Citrus paradisi</i> (grapefruit)-----	Canary Islands-----	-----	1	-----	Fla.
<i>Chrysomphalus prosimus</i> Banks (Coccidae): <i>Areca</i> sp. (palm)-----	Cuba-----	-----	-----	1	Fla.
<i>Mentha</i> sp. (mint)-----	do-----	-----	-----	1	Fla.
<i>Chrysomphalus reniformis</i> (Ckll.) (tentative) (Coccidae): <i>Anthurium</i> sp.-----	Brazil-----	-----	-----	1	Fla.
<i>Chrysomphalus setiger</i> (Mask.) (?) (Coccidae): <i>Camellia sasanqua</i> -----	Japan-----	-----	-----	1	D.C.
<i>Chrysomphalus sphaerioides</i> (Ckll.) (Coccidae): <i>Chamaedorea elegans</i> (palm)-----	Mexico-----	1	-----	-----	Tex.
<i>Diospyros</i> sp. (persimmon)-----	do-----	1	-----	-----	Tex.
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae): Orchid-----	Canal Zone-----	-----	-----	1	Fla.
<i>Philodendron dubium</i> -----	Mexico-----	-----	-----	1	Tex.
<i>P. polytomum</i> -----	do-----	-----	-----	1	Tex.

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<i>Chrysomphalus tingi</i> (McKenzie) (Coccidae):					
<i>Phalaenopsis</i> sp. (orchid)	Philippines			1	Fla.
<i>Chrysomphalus tricuspidis</i> (Ferris) (Coccidae):					
Cycad	Mexico			1	Tex.
<i>Dioon spinulosum</i>	do			1	Tex.
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Epidendrum brassavolae</i> (orchid)	Costa Rica			1	Calif.*
<i>Epidendrum</i> sp.	Guatemala			1	Fla.
<i>Masdevallia</i> sp. (orchid)	Ecuador	1			Calif.*
Orchid	Panama			1	Fla.
<i>Cicadella spectra</i> (Dist.) (Cicadellidae):					
Airplane	Japan(?), Midway Islands.		2		Hawaii.
<i>Cicadella viridis</i> (L.) (Cicadellidae):					
Airplane	Japan, Midway Islands(?).		2		Hawaii.
<i>Brassica chinensis</i> (Chinese cabbage)	Japan		1		Wash.
<i>Clerada apicicornis</i> Sign. (Lygaeidae):					
Orchid	Honduras			1	Calif.*
<i>Clysiana ambiguella</i> (Hbn.) (Phalonidae):					
<i>Vitis</i> sp. (grape)	Italy	1			N.Y.
<i>Coccus africanus</i> (Newst.) (Coccidae):					
<i>Euonymus</i> sp.	Brazil			1	D.C.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Alyxia olivaeformis</i> (maile alyxia)	Hawaii	1			Hawaii.
<i>Chrysanthemum</i> sp.	Cuba			1	Fla.
<i>Citrus sinensis</i> (orange)	Japan		1		Hawaii.
<i>Coffea arabica</i> (Arabian coffee)	Hawaii	2			Hawaii.
<i>Coffea</i> sp.	Haiti	1			N.Y.
<i>Euphorbia</i> sp.	Guam			1	Wash.
<i>Gardenia augusta</i> (gardenia)	Cuba, Hawaii, Venezuela.	39	1	1	Ala., Calif.,* Fla., Hawaii, N.Y.
<i>Gardenia</i> sp.	South Pacific		1		Hawaii.
<i>Gliricidia sepium</i>	Dominican Republic			1	Fla.
<i>Nothopanax guilfoylei</i>	Hawaii			1	Hawaii.
<i>Plumeria</i> sp.	do	1		1	Hawaii.
<i>Psidium guajava</i> (guava)	do	1			Hawaii.
<i>Cochlicella barbara</i> (L.) (Helicellidae):					
Military cargo	Morocco	2			S.C., Va.
Soil with <i>Ficus carica</i> (fig) cuttings	Italy			1	N.Y.
<i>Cochlicella ventrosa</i> (Fer.) (Helicellidae):					
Military cargo	Morocco	1			S.C.
Soil	Italy	1			N.Y.
<i>Coelonertus nigrirostris</i> Solari (Curculionidae):					
<i>Chamaedorea elegans</i> (palm)	Mexico	12			Tex.
<i>Chamaedorea</i> sp.	do	2			Tex.
Palm	do	1			Tex.
<i>Coenobela paucula</i> (Wlk.) (Noctuidae):					
Airplane	Trinidad		1		P.R.
<i>Conchaspis orchidarum</i> Mamet (Coccidae):					
<i>Cattleya skinneri</i> (orchid)	Canal Zone			1	Fla.
Orchid	Panama			1	Fla.
<i>Conoderus exsul</i> (Sharp) (Elateridae):					
<i>Anthurium</i> sp.	Hawaii	1			Hawaii.
<i>Vanda</i> sp. (orchid)	do	1			Hawaii.
<i>Conoderus rufangulus</i> (Gyll.) (Elateridae):					
<i>Vitis</i> sp. (grape)	Chile	5			N.Y.
<i>Conotelus mexicanus</i> Murr. (Nitidulidae):					
<i>Chrysanthemum</i> sp.	Mexico	1			Ariz.
<i>Cucurbita pepo</i> (summer squash)	do	1			Ariz.
Flowers	do	1			Ariz.
Logs	Colombia	1			N.C.
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Plumeria</i> sp.	Hawaii, unknown	1	1		Hawaii.
<i>Rosa</i> sp.	Mexico	1			Ariz.
<i>Solanum melongena</i> (eggplant)	do	4			Ariz.
<i>Vanda joaquimiae</i> (orchid)	Hawaii	1			Hawaii.
<i>Vanda</i> sp.	do	2			Hawaii.

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<i>Conotrachelus aguacatae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado)-----	Guatemala, Mexico-----	11	-----	1	Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado)-----	Costa Rica, Mexico-----	2	-----	1	Tex.
<i>Coptosoma punctatissima</i> Montand. (Pentatomidae): Trailer-----	Japan-----	1	-----	-----	Hawaii.
<i>Coptotermes formosanus</i> Shiraki (Rhinotermitidae): Mail parcel-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Vanda</i> sp. (orchid)-----	do-----	1	-----	-----	Hawaii.
<i>Corimelaena alticola</i> (Norvath) (Pentatomidae): Orchid-----	Mexico-----	-----	-----	1	Tex.
<i>Corimelaena palmeri</i> (McA. & M.) (Pentatomidae): Orchid-----	do-----	-----	-----	1	Tex.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae): <i>Musa paradisiaca sapientum</i> (banana)-----	Honduras, Mexico, Panama-----	-----	-----	5	La., Tex.*
<i>Cryphalomorphus jalappae</i> (Letzn.) (Scolytidae): <i>Ipomoea purga</i> (jalap)-----	Mexico-----	1	-----	-----	N.Y.
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae): Bromeliad-----	do-----	-----	-----	1	Tex.
Orchid-----	do-----	-----	-----	1	Fla.
<i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae): <i>Citrus limon</i> (lemon)-----	Italy-----	2	-----	-----	N.Y.
<i>C. sinensis</i> (orange)-----	Italy, Spain-----	5	6	-----	Mass., N.J., N.Y., Tex.
<i>Malus sylvestris</i> (apple)-----	Italy-----	1	-----	-----	N.Y.
<i>Punica granatum</i> (pomegranate)-----	Greece, Italy, Spain-----	9	-----	-----	Mass., N.Y.
<i>Vitis</i> sp. (grape)-----	Italy, Malta-----	2	-----	-----	Mich., N.Y.
<i>Cryptophlebia illepidia</i> (Btlr.) (Olethreutidae): <i>Litchi chinensis</i> (lychee)-----	Hawaii-----	2	-----	-----	Hawaii.
<i>Cryptophlebia leucotreta</i> (Meyr.) (Olethreutidae): <i>Citrus paradisi</i> (grapefruit)-----	Union of South Africa-----	-----	1	-----	Mass.
<i>C. reticulata</i> (Mandarin orange)-----	do-----	1	-----	-----	N.Y.
<i>C. sinensis</i> (orange)-----	Union of South Africa, unknown-----	1	2	-----	Calif.,* La., Tex.
<i>Cryptotermes domesticus</i> (Hav.) (Kalotermitidae): Driftwood-----	Wake Island-----	1	-----	-----	Hawaii.
<i>Ctenoglyphus canestrinii</i> (Armanelli) (Glycyphagidae): <i>Annona</i> sp.-----	Portugal-----	1	-----	-----	N.Y.
<i>Curculio elephas</i> (Gyll.) (Curculionidae): <i>Castanea</i> sp. (chestnut)-----	England, France, Greece, Italy, Portugal, Spain, Switzerland-----	94	2	2	Calif.,* Ill., La., Mass., Mich., Minn., N.Y.
<i>Quercus ilex</i> (holly oak)-----	Italy-----	-----	-----	1	N.J.
<i>Quercus</i> sp.-----	do-----	-----	-----	1	N.J.
<i>Curculio nucum</i> L. (Curculionidae): <i>Castanea</i> sp. (chestnut)-----	Portugal-----	1	-----	-----	N.Y.
<i>Corylus avellana</i> (filbert)-----	Italy, Poland-----	5	-----	1	Mass., N.J., N.Y.
<i>Cylas formicarius</i> (F.) var. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)-----	Dominican Republic, Hong Kong-----	1	1	-----	Hawaii, P.R.
Vegetable—unidentified-----	Dominican Republic-----	1	-----	-----	Fla.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)-----	Anguilla, Bahamas, Cuba, Dominican Republic, Hawaii, Mexico, Puerto Rico-----	22	9	-----	Ala., Calif.,* Fla., Ill., La., N.Y., P.R., S.C., St. Thomas & St. John, Tex.
<i>Ipomoea</i> sp.-----	Puerto Rico-----	-----	-----	1	D.C.
Soil with vegetable-----	Cuba-----	-----	1	-----	Md.

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<i>Cylas formicarius formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)-----	Hong Kong-----	1			Hawaii.
<i>Dactylopius confusus</i> (Ckll.) (Coccidae):					
Cactus-----	Mexico-----			1	Tex.
<i>Dactylotrypes uyttenboogaarti</i> Eggers (Scolytidae):					
<i>Chamaerops humilis</i> (Mediterranean palm)-----	Italy-----			1	N.J.
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae):					
Airplane-----	Japan(?)-----		1		Hawaii.
<i>Cucumis sativus</i> (cucumber)-----	Hawaii-----		2		Calif.*
<i>Lycopersicon esculentum</i> (tomato)-----	do-----		6		Calif.,* Wash.
<i>Dacus dorsalis</i> Hend. (Tephritidae):					
Airplane-----	Japan-----		1		Hawaii.
<i>Carica papaya</i> (papaya)-----	Hawaii-----	1			Hawaii.
<i>Citrus grandis</i> (pummelo)-----	do-----	1			Calif.*
<i>Coffea arabica</i> (Arabian coffee)-----	do-----	5		1	Hawaii.
Fruit—unidentified-----	do-----	1			Calif.*
<i>Mangifera indica</i> (mango)-----	do-----	6			Calif.,* Hawaii.
<i>Musa paradisiaca sapientum</i> (banana)-----	do-----	1	1		Calif.*
<i>Passiflora</i> sp. (passionflower)-----	do-----	1			Hawaii.
<i>Persea americana</i> (avocado)-----	do-----	1			Calif.*
<i>Phoenix dactylifera</i> (date)-----	do-----	1			Calif.*
<i>Psidium guajava</i> (guava)-----	do-----	2			Hawaii.
<i>Terminalia catappa</i> (tropical almond)-----	do-----	1			Hawaii.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae):					
<i>Coffea</i> sp.-----	do-----	2			Hawaii.
<i>Mangifera indica</i> (mango)-----	do-----	1	1		Calif.,* Hawaii.
<i>Terminalia catappa</i> (tropical almond)-----	do-----	1			Hawaii.
<i>Dacus oleae</i> Gmel. (Tephritidae):					
Baggage-----	Italy-----	1			N.Y.
<i>Olea europaea</i> (olive)-----	Greece, Italy, Lebanon, Spain, Tunisia, Union of Soviet Socialist Republics.	40			Mass., N.Y.
<i>Olea</i> sp.-----	Italy-----	1			N.Y.
<i>Dacus oleae</i> Gmel. (?) (Tephritidae):					
<i>Olea europaea</i> (olive)-----	do-----	1			N.Y.
<i>Dacus passiflorae</i> (Frogg.) (Tephritidae):					
<i>Degeneria vitiensis</i> -----	Fiji Islands-----			1	D.C.
<i>Dacus pedestris</i> (Bezzi) (Tephritidae):					
<i>Melastoma malabathricum</i> -----	Federation of Malaya-----	1			Hawaii.
<i>Melastoma</i> sp.-----	do-----	1			Hawaii.
<i>Dendrocoris suffultus</i> (Dist.) (Pentatomidae):					
Orchid-----	Mexico-----			1	Tex.
<i>Dercynus micronyx</i> Champ. (Curculionidae):					
<i>Brownea grandiceps</i> (glory flamebean)-----	Trinidad-----			1	Fla.
<i>Deroceras reticulatum</i> (Müller) (Limacidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)-----	France, Germany-----		2		Pa.
<i>B. oleracea bullata</i> (Savoy cabbage)-----	Poland-----		1		Pa.
<i>B. oleracea capitata</i> (cabbage)-----	England, France, Ireland, Italy, Netherlands, Spain.	1	9		Fla., Ga., N.Y., Pa.
Bromeliad-----	Mexico-----			1	Tex.
<i>Capsicum frutescens grossum</i> (bell pepper)-----	Italy-----		1		N.Y.
<i>Cordyline terminalis</i> (ti)-----	Hawaii-----	2			Hawaii.
<i>Cordyline</i> sp.-----	do-----	1			Hawaii.
Food for salamander-----	Switzerland-----	1			N.Y.
<i>Gladiolus</i> sp.-----	Italy-----	1			Mass.
<i>Ipomoea batatas</i> (sweetpotato)-----	Hawaii-----	1			Hawaii.
<i>Lactuca sativa</i> (lettuce)-----	England, Germany, Ireland, Italy, Netherlands, unknown.	1	6		Mass., N.Y., Pa.
Orchid-----	Australia, Costa Rica, Mexico.			10	Fla., Hawaii, Tex.
<i>Petroselinum crispum</i> (parsley)-----	Ireland-----		1		Mass.

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<i>Deroceras reticulatum</i> (Müller) (Limacidae)— Con. Plants—miscellaneous	England, Japan, Mexico.		1	2	Hawaii, Mass., Tex.
Soil with fern plants	Portugal			1	Fla.
Soil with miscellaneous plants	England, Germany			2	Mich., N.Y.
<i>Tulipa</i> sp.	Netherlands	1			N.Y.
<i>Typha</i> sp. (cattail)	Brazil			1	D.C.
<i>Vanda</i> sp. (orchid)	Hawaii	1			Hawaii.
<i>Diachus auratus</i> (F.) (Chrysomelidae): <i>Plumeria</i> sp.	do	1			Hawaii.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae): <i>Rhododendron</i> 'Cunningham White'	Netherlands			1	N.J.
<i>Rhododendron</i> 'Dr. (H. C.) Dresselhuys'	do			1	N.J.
<i>Rhododendron</i> 'Grandiflorum'	do			1	N.J.
<i>Rhododendron</i> 'Mme. Masson'	do			1	N.J.
<i>Rhododendron</i> hybrid	do			1	N.Y.
<i>Rhododendron</i> sp.	England, Netherlands			25	N.J., N.Y.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae): <i>Citrus</i> sp.	El Salvador, Mexico, Panama.	3			Calif.,* Tex.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae): <i>Citrus sinensis</i> (orange)	Tahiti	1			Hawaii.
Flowers	Cuba	1			Fla.
<i>Jasminum sambac</i> (Arabian jasmine)	Hawaii	1			Hawaii.
<i>Jasminum</i> sp.	Japan		1		Hawaii.
<i>Lagerstroemia indica</i> (common crapemyrtle)	Australia	1			Hawaii.
<i>Lagerstroemia</i> sp.	do		1		Hawaii.
<i>Plumeria acuminata</i> (Mexican frangipani)	Hawaii	1			Hawaii.
<i>Dialeurodes tristylis</i> Takah. (Aleyrodidae): <i>Cleyera ochracea</i> (?)	Japan		1		Calif.*
<i>Diaphania costata</i> (F.) (Pyraustidae): Airplane	Honduras		1		Fla.
<i>Diaphania quadrastigmatis</i> (Guen.) (Pyraustidae): Airplane	Costa Rica		1		Fla.
<i>Diaprepes abbreviatus</i> (L.) (Curculionidae): Airplane	Dominican Republic		1		Fla.
Baggage	Puerto Rico	1			P.R.
<i>Diaprepes abbreviatus</i> (L.) var. (Curculionidae): Airplane	do		1		P.R.
<i>Diaspis minima</i> Targ. (Coccidae): <i>Chamaecyparis</i> sp. (falsecypress)	Bermuda	1			Mass.
<i>Diathrausta angustella</i> Dyar (Pyraustidae): Airplane	Panama		1		Fla.
<i>Diazenes dendrobii</i> Gahan (?) (Cerambycidae): <i>Dendrobium</i> sp. (orchid)	India			2	Fla., N.Y.
<i>Dichrocrocis punctiferalis</i> (Guen.) (Pyraustidae): <i>Pinus parviflora</i> (Japanese white pine)	Japan	1			Hawaii.
<i>Dicyphus annulatus</i> (Wolff) (Miridae): <i>Lactuca sativa</i> (lettuce)	Portugal		1		Mass.
<i>Dicyphus pallidicornis</i> Fieb. (Miridae): <i>Rumex</i> sp. (dock)	Ireland			1	N.Y.
<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae): Wood (on native drum)	Nigeria	1			Mass.
<i>Diocalandra taitensis</i> (Guer.) (Curculionidae): <i>Cocos nucifera</i> (coconut)	Hawaii	4			Hawaii.
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae): Orchid	Guatemala, Mexico			12	Tex.
<i>Diploptera punctata</i> (Esch.) (Diplopteridae): Baggage	Hawaii	1			Hawaii.
<i>Doru albipes</i> (F.) (Forficulidae): <i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	2			P.R.
<i>Drymus sylvaticus</i> (F.) (Lygaeidae): Coniferous plant	England			1	N.Y.
Packing with <i>Rhododendron</i> sp. (azalea)	do			1	N.J.
<i>Dryocoetes autographus</i> (Ratz.) (Scolytidae): <i>Picea</i> sp. (spruce)	Germany		1		Fla.

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<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae):					
<i>Bromelia</i> sp.-----	Mexico-----			1	Tex.
<i>Cucumis melo cantalupensis</i> (cantaloupe)-----	do-----	4			Tex.
<i>Earias insulana</i> (Bdv.) (?) (Noctuidae):					
<i>Gossypium</i> sp. (cotton; lint)-----	Egypt-----	1			N.Y.
<i>Ectomyelois ceratoniae</i> (Zell.) (Phycitidae):					
<i>Ceratonis siliqua</i> (carob)-----	Italy-----	4			N.Y.
<i>Citrus sinensis</i> (orange)-----	Spain, unknown-----		3		N.J., N.Y.
<i>Cydonia oblonga</i> (quince)-----	Greece, unknown-----	2			Calif.,* N.Y.
<i>Juglans regia</i> (English walnut)-----	Italy-----	1			N.Y.
<i>Juglans</i> sp.-----	do-----	2			N.Y.
<i>Malus sylvestris</i> (apple)-----	do-----	2			N.Y.
<i>Prunus amygdalus</i> (almond)-----	do-----	1			N.Y.
<i>Punica granatum</i> (pomegranate)-----	Argentina, Greece, Italy-----	6			N.Y.
<i>Pyrus communis</i> (pear)-----	Italy-----	1			N.Y.
<i>Tamarindus indica</i> (tamarind)-----	Dominican Republic, Puerto Rico-----	1	1		N.Y.
<i>Ectomyelois decolor</i> (Zell.) (Phycitidae):					
Legume pod-----	Jamaica-----			1	Fla.
<i>Tamarindus indica</i> (tamarind)-----	Cuba-----	1			La.
<i>Ectomyelois muricis</i> (Dyar) (Phycitidae):					
<i>Cassia</i> sp. (senna)-----	Honduras-----	1			Fla.
<i>Enterolobium</i> sp. (earpodtree)-----	Colombia-----	1			Fla.
<i>Hymenaea courbaril</i> -----	Venezuela-----	1			N.Y.
<i>Edessa meditabunda</i> (F.) (Pentatomidae):					
<i>Zea mays</i> (corn)-----	Argentina-----	1			Pa.
<i>Elousa albicans</i> Wlk. (Noctuidae):					
Airplane-----	Cuba-----		1		Fla.
<i>Empoasca kraemeri</i> Ross & Moore (Cicadellidae):					
Airplane-----	Nicaragua-----		1		Fla.
<i>Ephestia calidella</i> (Guen.) (Phycitidae):					
<i>Eriobotrya japonica</i> (loquat)-----	Italy-----			1	N.Y.
<i>Ficus carica</i> (fig)-----	Greece, Italy-----	2			N.Y.
<i>Epichorista ionephela</i> Meyr. (Tortricidae):					
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee)-----	Union of South Africa-----	4			N.J., N.Y.
<i>Epilachna nigrocincta</i> Muls. (Coccinellidae):					
Orchid-----	Mexico-----			1	Tex.
<i>Epilachna paenulata</i> (Germ.) (Coccinellidae):					
<i>Musa paradisiaca sapientum</i> (banana)-----	Ecuador-----	1			Md.
<i>Epinotia aporema</i> (Wlsm.) (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean)-----	Mexico, Peru-----	1	3		Calif.,* La., Tex.
<i>Eremberga insignis</i> Hein. (Phycitidae):					
<i>Cephalocereus senilis</i> (oldman cactus)-----	Mexico-----			1	Tex.
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae):					
<i>Buxus sempervirens</i> (common boxwood)-----	England, Netherlands-----			3	N.J.
<i>Buxus</i> sp.-----	Ireland, Netherlands-----	1		1	Mass., N.J.
<i>Ernobius abietis</i> (F.) (Anobiidae):					
<i>Picea</i> sp. (spruce)-----	England, Switzerland-----			2	N.Y.
<i>Euborellia stali</i> (Dohrn) (Labiduridae):					
<i>Brassica oleracea capitata</i> (cabbage)-----	Cuba-----		1		Ga.
<i>Eucactophagus aurocinctus</i> Champ. (Curculionidae):					
<i>Cynoches</i> sp. (orchid)-----	Costa Rica-----			1	Fla.
<i>Eucactophagus carinipyga</i> Champ. (Curculionidae):					
<i>Philodendron</i> sp.-----	Canal Zone-----			1	Fla.
<i>Euglandina striata</i> (Müller) (Oleacinidae):					
<i>Musa paradisiaca sapientum</i> (banana)-----	Ecuador-----	2			Md., N.Y.
<i>Euleia heraclei</i> (L.) (Tephritidae):					
<i>Apium graveolens</i> (celery)-----	England-----		2		Va.
<i>Petroselinum crispum</i> (parsley)-----	England, unknown-----		2		Mass., N.Y.
<i>Eurydema ornatum</i> (L.) (Pentatomidae):					
<i>Cynara</i> sp.-----	Spain-----			1	D.C.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya</i> sp. (orchid)-----	Guatemala-----			1	N.J.

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<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)-----	Brazil, Hawaii, Puerto Rico, St. Kitts, Tortola, Trinidad.	4	5	-----	Ala., Calif.,* Pa., P.R., St. Thomas & St. John, S.C.
<i>Ipomoea</i> sp.-----	Venezuela-----	-----	1	-----	Md.
<i>Eutetranychus banksi</i> (McG.) (Tetranychidae): Orchid-----	do-----	1	-----	-----	N.Y.
<i>Euzophera bigella</i> Zell.(?) (Phycitidae): <i>Juglans</i> sp. (walnut)-----	Italy-----	1	-----	-----	N.Y.
<i>Everes comyntas</i> (Godt.) (Lycaenidae): <i>Phaseolus vulgaris</i> var. (string bean)-----	Mexico-----	1	-----	-----	Tex.
<i>Evergestis forficalis</i> (L.) (Pyraustidae): <i>Brassica oleracea capitata</i> (cabbage)-----	Great Britain, Netherlands.	-----	2	-----	La., Pa.
<i>Exptochiomera albomaculata</i> (Dist.) (Lygaeidae): Orchid-----	Mexico-----	-----	-----	1	Tex.
<i>Eysarcoris guttiger</i> (Thunb.) (Pentatomidae): <i>Brassica oleracea capitata</i> (cabbage)-----	Japan-----	-----	1	-----	Ala.
<i>Farinococcus guatemalensis</i> Ferris (Coccidae): <i>Oncidium</i> sp. (orchid)-----	Costa Rica-----	-----	-----	1	Tex.
<i>Ferrisia virgata</i> (Ckll.) (Coccidae): <i>Chamaedorea oblongata</i> -----	Mexico-----	1	-----	-----	Tex.
<i>Cissus</i> sp. (treebine)-----	Philippines-----	-----	-----	1	Hawaii.
<i>Hibiscus</i> sp.-----	Mexico-----	-----	-----	2	Tex.
Leaf—unidentified-----	do-----	-----	-----	1	Ariz.
Orchid-----	Canal Zone-----	-----	-----	1	Fla.
<i>Punica granatum</i> (pomegranate)-----	Mexico-----	1	-----	-----	Tex.
<i>Sechium edule</i> (chayote)-----	Cuba-----	2	-----	-----	Fla., N.Y.
<i>Filippa oleae</i> Costa (?) (Coccidae): <i>Olea europaea</i> (olive)-----	Italy-----	1	-----	-----	N.Y.
<i>Filippa viburni</i> (Sign.) (Coccidae): <i>Hedera</i> sp. (ivy)-----	England-----	-----	4	-----	Mass.
<i>Fiorinia nephelii</i> Mask. (Coccidae): <i>Euphoria longan</i> -----	Philippines-----	-----	1	-----	Hawaii.
<i>Fiorina theae</i> Green (Coccidae): <i>Citrus paradisi</i> (grapefruit)-----	Curacao-----	-----	1	-----	Calif.*
<i>C. reticulata</i> (Mandarin orange)-----	Formosa-----	1	-----	-----	Hawaii.
<i>Spondias purpurea</i> (purple mombin)-----	Philippines-----	1	-----	-----	Hawaii.
<i>Fossaria truncatula</i> (Müller) (Lymnaeidae): <i>Rorippa nasturtium aquaticum</i> (watercress)-----	England-----	-----	1	-----	Mass.
Soil with <i>Ficus carica</i> (fig)-----	Italy-----	-----	-----	1	N.Y.
<i>Frankliniella formosae</i> Mlt. (Thripidae): <i>Chrysanthemum</i> sp.-----	Japan-----	8	5	-----	Hawaii, Wash.
<i>Dahlia</i> sp.-----	do-----	1	-----	-----	Hawaii.
<i>Dianthus caryophyllus</i> (carnation)-----	do-----	11	2	-----	Hawaii.
<i>Gladiolus</i> sp.-----	do-----	1	1	-----	Hawaii.
Liliaceae-----	do-----	-----	1	-----	Hawaii.
<i>Paeonia</i> sp.-----	do-----	1	-----	-----	Hawaii.
<i>Rosa</i> sp.-----	do-----	1	1	-----	Hawaii, Wash.
<i>Frankliniella intonsa</i> (Tryb.) (Thripidae): <i>Dianthus caryophyllus</i> (carnation)-----	Germany, Poland, unknown.	3	1	-----	Mass., N.Y.
Flowers—assorted-----	England-----	1	-----	-----	Mass.
<i>Lavandula</i> sp. (lavender)-----	do-----	-----	-----	1	N.Y.
<i>Pelargonium</i> sp. (geranium)-----	Belgium-----	-----	-----	1	N.Y.
<i>Pyrethrum</i> sp. (painted daisy)-----	Finland-----	1	-----	-----	N.Y.
<i>Rosa</i> sp.-----	France, Germany-----	2	-----	-----	Mass., N.Y.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae): <i>Dianthus caryophyllus</i> (carnation)-----	Australia-----	2	-----	-----	Hawaii.
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee)-----	Union of South Africa-----	2	-----	-----	N.Y.
<i>Rosa</i> sp.-----	Australia-----	1	-----	-----	Hawaii.
<i>Frankliniella williamsi</i> Hood (?) (Thripidae): <i>Zea mays</i> (corn)-----	Mexico-----	1	-----	-----	Ariz.

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<i>Fundella pellucens</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Bahamas, Barbados.....	3	-----	-----	N.Y., P.R.
<i>Phaseolus vulgaris</i> var. (string bean).....	Surinam.....	1	-----	-----	N.Y.
<i>Pisum sativum</i> (pea).....	Puerto Rico.....	1	-----	-----	P.R.
<i>Vigna catjang</i> (catjang cowpea).....	Anguilla.....	1	-----	-----	St. Thomas & St. John.
<i>V. sinensis</i> (cowpea).....	Panama.....	2	-----	-----	N.Y.
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Brassavola nodosa</i> (orchid).....	Canal Zone.....	-----	-----	2	Fla., N.J.
Bromeliad.....	Ecuador.....	-----	-----	4	Fla.
<i>Cattleya</i> sp. (orchid).....	Brazil, Canal Zone, Hawaii.....	-----	-----	5	Fla., Hawaii, N.J.
<i>Dendrobium</i> sp. (orchid).....	Hawaii.....	-----	-----	1	Hawaii.
<i>Epidendrum</i> sp. (orchid).....	Canal Zone.....	-----	-----	2	Fla.
<i>Oncidium</i> sp. (orchid).....	Antigua, Canal Zone, Jamaica, Panama.....	-----	-----	4	Fla.
Orchid.....	Canal Zone, Costa Rica, Guatemala, Hawaii, Honduras, Mexico, Panama, Venezuela.....	-----	-----	13	Fla., Hawaii, Tex.
<i>Rodriguezia secunda</i> (orchid).....	Canal Zone.....	-----	-----	1	Fla.
<i>Schomburgkia lueddemannii</i> (orchid).....	do.....	-----	-----	1	Calif.*
<i>Tillandsia cyanea</i>	Ecuador.....	-----	-----	1	Fla.
<i>Vanda</i> sp. (orchid).....	Philippines.....	-----	-----	1	Calif.*
<i>Furcaspis oceanica</i> Ldgr. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Eniwetok, Hawaii, Kwajalein.....	5	-----	-----	Hawaii.
<i>Galgupha punctifer</i> McA. & Mall. (Pentatomidae):					
Bromeliad.....	Costa Rica, Mexico.....	-----	-----	3	Calif.,* Tex.
Orchid.....	Mexico.....	-----	-----	1	Tex.
<i>Galgupha texana</i> McA. & Mall. (Pentatomidae):					
Orchid.....	do.....	-----	-----	1	Tex.
<i>Geniocreminus chilensis</i> (Boh.) (Curculionidae):					
<i>Prunus persica</i> (peach).....	Chile.....	1	-----	-----	N.Y.
<i>Geotomus pygmaeus</i> (Dallas) (Pentatomidae):					
Airplane.....	Canton Island, West Pacific.....	-----	2	-----	Hawaii.
<i>Anthurium andraeanum</i>	Hawaii.....	1	-----	-----	Hawaii.
Baggage.....	do.....	1	-----	-----	Hawaii.
Flowers—assorted.....	do.....	1	-----	-----	Hawaii.
Mail parcel.....	do.....	1	-----	-----	Hawaii.
<i>Vanda</i> sp. (orchid).....	do.....	1	-----	-----	Hawaii.
<i>Geotomus spinolai</i> Sign. (Pentatomidae):					
<i>Epidendrum</i> sp. (orchid).....	Panama.....	-----	-----	1	P.R.
<i>Gibbobruchus speculifer</i> (Gyll.) (Bruchidae):					
<i>Bauhinia</i> sp.....	Brazil.....	-----	-----	1	D.C.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper).....	Mexico.....	1	-----	-----	Ariz.
<i>C. frutescens longum</i> (chile pepper).....	do.....	1	-----	-----	Tex.
<i>Gnorimoschema ocellatella</i> (Boyd) (Gelechiidae):					
<i>Beta vulgaris</i> (beets).....	Egypt.....	-----	4	-----	Pa.
<i>Gnorimoschema plaesiosema</i> (Turner) (Gelechiidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Australia.....	-----	1	-----	Hawaii.
<i>Solanum muricatum</i> (pepino).....	Chile.....	-----	1	-----	Pa.
<i>Gracilaria azalea</i> Brants (Gracilariidae):					
<i>Rhododendron japonicum</i> (Japanese azalea).....	Netherlands.....	-----	-----	1	N.J.
<i>Rhododendron</i> sp. (azalea).....	Japan, Netherlands.....	-----	-----	2	Hawaii, N.J.
<i>Grapholitha janthiana</i> (Dup.) (Olethreutidae):					
<i>Malus sylvestris</i> (apple).....	France.....	1	-----	-----	Mass.
<i>Gymnococcus agavium</i> (Dougl.) (Coccidae):					
<i>Agave schottii</i>	Mexico.....	-----	-----	1	Ariz.

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<i>Gynaikothrips ficorum</i> (Marchal)(?) (Phlaeothripidae):					
Airplane	Cuba		1		Fla.
<i>Haplothrips aculeatus</i> (F.) (Phlaeothripidae):					
<i>Gladiolus</i> sp.	Germany		1		N.Y.
<i>Pseudotsuga</i> sp. (Douglas-fir)	Switzerland			1	N.Y.
<i>Rhododendron</i> sp. (azalea)	Belgium, Netherlands			2	Wash.
<i>Haplothrips clarisetis</i> Pr.(?) (Phlaeothripidae):					
<i>Aster</i> sp.	Mexico	1			Calif.
<i>Pisum sativum</i>	do	1			Calif.
<i>Haplothrips cotei</i> (Vuillet) (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation)	Portugal	1			N.Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Alloteropsis semialata</i>	Union of South Africa			1	D.C.
<i>Antirrhinum majus</i> (snapdragon)	Haiti	1			N.Y.
<i>Bougainvillea</i> sp.	Bahamas	1			Fla.
<i>Centaurea cyanus</i> (cornflower)	Australia	1			Hawaii.
<i>Chrysanthemum</i> sp.	Fiji Islands		1		Hawaii.
<i>Dianthus caryophyllus</i> (carnation)	Australia	1			Hawaii.
<i>Euphorbia pulcherrima</i> (poinsettia)	Honduras	1			Fla.
Flowers	Brazil, Haiti, South America (country (?)).	3	1		Fla., N.Y., P.R.
<i>Foeniculum vulgare</i> (fennel)	Bermuda	1			N.Y.
<i>Freesia</i> sp.	do	1			Mass.
<i>Gardenia augusta</i>	Cuba	1			N.Y.
<i>Mentha</i> sp. (mint)	do	1			N.Y.
<i>Ornithogalum</i> sp.	Union of South Africa	1			N.Y.
<i>Paeonia</i> sp.	Japan	1			Hawaii.
<i>Rhododendron</i> sp.	Cuba	1			N.Y.
<i>Rosa</i> sp.	Australia, Japan	2			Hawaii, Wash.
<i>Tagetes patula</i> (French marigold)	Japan	1			Hawaii.
<i>Zinnia</i> sp.	Australia	1			Hawaii.
<i>Haplothrips nigricornis</i> (Bagn.)(?) (Phlaeothripidae):					
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee)	Union of South Africa	1			N.Y.
<i>Helicella caperata</i> (Montagu) (Helicellidae):					
Cuttings	Ireland			1	Mass.
<i>Lactuca sativa</i> (lettuce)	France		1		P.R.
Military cargo	France, Luxembourg	4			La., N.J., N.C., Va.
Soil	Germany, Italy	2			N.Y., Tex.
<i>Helicella derbentina</i> (Andrzejowski) (?) (Helicellidae):					
Military cargo	Turkey(?)	1			N.J.
<i>Helicella itala</i> (L.) (Helicellidae):					
<i>Lactuca sativa</i> (lettuce)	Italy		1		N.Y.
<i>Mentha</i> sp. (mint)	do	1			Mass.
Military cargo	France	1			Va.
<i>Helicella maritima</i> Draparnaud (Helicellidae):					
<i>Brassica oleracea capitata</i> (cabbage)	do		1		Pa.
<i>Cannabis sativa</i> (hemp)	Spain			1	D.C.
<i>Fragaria</i> sp. (strawberry)	France	1			N.Y.
Military cargo	Greece, Italy, Libya, Morocco.	8			La., N.Y.
<i>Prunus domestica</i> (plum)	Spain		1		N.Y.
<i>Rosa</i> sp.	France	1			N.Y.
Soil with <i>Colocasia esculenta</i> (dasheen)	Italy			1	N.Y.
Soil with unidentified plants	do			1	Mass.
<i>Helicella neglecta</i> (Draparnaud) (Helicellidae):					
Military cargo	Italy, Libya	2			La.
<i>Helicella pyramidata</i> (Draparnaud) (Helicellidae):					
<i>Pimpinella anisum</i> (anise)	Italy	1			N.Y.
Military cargo	Turkey(?)	1			N.J.
<i>Helicella striata</i> (Müller) (Helicellidae):					
Soil with cuttings	Italy			1	N.Y.
<i>Helicella trochoides</i> (Poiret) (Helicellidae):					
Military cargo	Morocco	1			La.

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<i>Helix aspersa</i> (Müller) (Helicidae):					
<i>Allium porrum</i> (leek)-----	France-----		1		P.R.
Automobile-----	Mexico-----		1		Tex.
<i>Caladium</i> sp.-----	do-----			1	Tex.
<i>Camellia</i> sp.-----	England-----	1			N.Y.
<i>Citrus limon</i> (lemon)-----	Spain-----		1		Tex.
<i>C. sinensis</i> (orange)-----	Peru-----		1		N.Y.
<i>Citrus</i> sp.-----	Azores-----	1			Mass.
Crate-----	Spain-----		1		La.
Military cargo-----	France-----	2			La., Ohio.
None (brought in as food)-----	Italy-----	1			N.Y.
Orchid-----	Mexico-----			1	Tex.
<i>Petroselinum crispum</i> (parsley)-----	Azores-----		1		Pa.
<i>Philodendron</i> sp.-----	Mexico-----			1	Tex.
<i>Helix cincta</i> Müller (Helicidae):					
Baggage-----	Italy-----	1			N.Y.
<i>Helix figulina</i> Parreyss (Helicidae):					
<i>Galanthus</i> sp.-----	Greece-----	1			Ill.
<i>Hellula undalis</i> (F.) (Pyraustidae):					
<i>Brassica rapa</i> (turnip)-----	Egypt-----		1		Pa.
<i>Heraeus eximus</i> Dist. (Lygaeidae):					
<i>Musa paradisiaca</i> (plantain)-----	Guatemala-----	1			La.
<i>Hercinotrips bicinctus</i> (Bagn.) (Thripidae):					
Araceae-----	Azores-----			1	N.J.
Plants—miscellaneous-----	Germany-----			1	Mass.
<i>Hesperolabops gelastops</i> Kirkaldy (Miridae):					
Cactus-----	Mexico-----			1	Tex.
<i>Opuntia</i> sp.-----	do-----			1	Tex.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae):					
<i>Ahaya</i> sp. (mahogany)-----	Philippines-----	1			S.C.
Wood (crate)-----	India, Philippines-----	5			Fla., S.C. Wash.
<i>Hexachaeta monostigma</i> Hend. (Tephritidae):					
With palm leaf-----	Mexico-----	1			Tex.
<i>Holocacista rivillei</i> (Stt.) (?) (Heliozelidae):					
<i>Vitis</i> sp. (grape)-----	Italy-----	1			Mass.
<i>Homoeogamia mexicana</i> (Burm.) (Polyphagidae):					
Mail parcel-----	Mexico-----	1			Tex.
<i>Homothrips distinctus</i> Bagn. (Thripidae):					
<i>Protea</i> spp.-----	Union of South Africa-----	3			N.Y.
<i>Homotoma ficus</i> (L.) (Psyllidae):					
<i>Ficus</i> sp. (fig)-----	Italy-----			1	N.Y.
<i>Hygromia cinctella</i> (Draparnaud) (Helicellidae):					
Soil with plants-----	do-----			1	N.Y.
<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae):					
Wood (crate)-----	Belgium-----	2			Fla.
<i>Hypsipyla ferrealis</i> (Hamp.) (Phycitidae):					
<i>Carapa</i> sp. (crabwood)-----	Venezuela-----	2			N.Y.
<i>Icerya seychellarum</i> (Westw.) (Coccidae):					
<i>Rhapis</i> sp. (?)-----	Philippines-----			1	Hawaii.
<i>Ips acuminatus</i> (Gyll.) (Scolytidae):					
<i>Pinus</i> sp. (pine)-----	Japan-----	1			Hawaii.
<i>Ips borealis</i> Sw. (Scolytidae):					
<i>Picea</i> sp. (spruce)-----	Canada-----		1		Fla.
<i>Ips calligraphus</i> (Germ.) (Scolytidae):					
<i>Pinus</i> sp. (pine)-----	Bahamas-----	2			Fla.
<i>Ips typographus</i> (L.) (Scolytidae):					
Bark-----	Germany-----	1			N.J.
<i>Pinus</i> sp. (pine)-----	Norway-----	1			N.Y.
Wood (crate)-----	Sweden-----	1			Fla.
<i>Iridomyrmex humilis</i> Mayr (Formicidae):					
<i>Antirrhinum majus</i> (snapdragon)-----	Bermuda-----	1			N.Y.
Baggage-----	Azores, unknown-----	2			Mass., N.Y.
<i>Chrysanthemum</i> sp.-----	Bermuda-----	1			N.Y.
<i>Citrus sinensis</i> (orange)-----	Malta-----	1			N.Y.
<i>Dianthus caryophyllus</i> (carnation)-----	Italy, Portugal-----	3			N.Y.
Flowers-----	Bermuda, Union of South Africa-----	4			N.Y.
Fruit-----	Bermuda-----	1			Mass.

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		Consumption	Non-entry	Propagation	
<i>Iridomyrmex humilis</i> Mayr (Formicidae)—Continued					
<i>Gladiolus</i> sp.	Italy	1			Mass.
<i>Hibiscus</i> sp.	Bermuda	2			Mass.
<i>Lactuca sativa</i> (lettuce)	Unknown		1		N.Y.
<i>Lathyrus odoratus</i> (sweet pea)	Portugal	1			N.Y.
<i>Lilium</i> sp. (lily)	Bermuda	3			Mass., N.Y.
<i>Lycoris</i> sp.	do	1			N.Y.
<i>Papaver</i> sp. (poppy)	Italy	1			N.Y.
<i>Pelargonium</i> sp.	Mexico			1	Calif.
<i>Protea</i> spp.	Union of South Africa	1			N.Y.
<i>Prunus domestica</i> (plum)	Chile	2			N.Y.
<i>Strelitzia</i> sp.	France	1			N.Y.
Succulent plants	Bermuda	1			N.Y.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
Bromeliad	Costa Rica			1	Fla.
<i>Epidendrum</i> sp. (orchid)	Guatemala			1	N.J.
Orchid	Ecuador			2	N.Y.
<i>Iridomyrmex keiteli subfasciatus</i> Whlr. & Mann (Formicidae):					
<i>Delphinium</i> sp.	Haiti	1			Fla.
<i>Iridomyrmex pilifer</i> Mayr (Formicidae):					
<i>Agapanthus</i> sp.	Colombia	1			N.Y.
<i>Anthurium</i> sp.	do	1			N.Y.
<i>Isoneurothrips australis</i> Bagn. (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation)	Azores	1			Pa.
<i>Isoneurothrips obscuratus</i> Cwfd. (?) (Thripidae):					
<i>Rosa</i> sp.	Australia		1		Hawaii.
<i>Isohrinus undatus</i> Champ. (Curculionidae):					
Orchid	Mexico			1	Tex.
<i>Kleidocerys ericae</i> Horvath(?) (Lygaeidae):					
<i>Calluna vulgaris</i> (heather)	Germany	1			N.Y.
<i>Lachnopus hispidus</i> (Gyll.) (Curculionidae):					
Airplane	Cuba		1		Fla.
<i>Lamellaxis gracilis</i> (Hutton) (Achatinidae):					
Orchid	Costa Rica			1	Fla.
Plants—miscellaneous	Colombia			1	Fla.
<i>Lamellaxis gracilis juncea</i> (Gould) (Achatinidae):					
<i>Colocasia antiquorum</i> (taro)	American Samoa	1			Hawaii.
<i>Lamellaxis mauritanus</i> (Pfeiffer) (Achatinidae):					
Soil with <i>Mentha</i> sp. (mint) plants	Cuba	2			Fla.
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia</i> sp. (mauna loa)	Hawaii	19			Calif.,* Hawaii.
<i>Pisum sativum</i> (pea)	do	1			Calif.*
<i>Sesbania grandiflora</i>	do	1			Hawaii.
<i>Sesbania</i> sp.	do	1			Hawaii.
<i>Laspeyresia araucaria</i> Pastrana(?) (Olethreutidae):					
<i>Araucaria</i> sp.	Brazil			1	La.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut)	France, Greece, Italy, Portugal, Spain, Yugoslavia.	62	1		Ill., Mass., N.Y.
<i>Quercus suber</i> (cork oak)	Italy			1	N.J.
<i>Quercus</i> spp.	Italy, Morocco(?)	1		1	La., N.J.
<i>Lecanium corni</i> Bouché (Coccidae):					
<i>Chrysanthemum</i> sp.	Poland	1			Ill.
<i>Sorbus</i> sp. (mountainash)	Norway	1			N.Y.
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae):					
<i>Chaenomeles</i> sp. (flowering quince)	Japan			1	Wash.
<i>Pyrus communis</i> (pear)	do	1			Calif.*
<i>Lepidosaphes conchiformis</i> (Gmel.) (tentative) (Coccidae):					
<i>Diospyros kaki</i> (kaki persimmon)	do	1			Hawaii.
<i>Lepidosaphes esakii</i> Tak. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Eniwetok, Guam, Kwajalein.	5			Calif.,* Hawaii, Wash.
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae):					
<i>Ficus</i> sp. (fig)	Italy			1	N.J.

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<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae): Cactus	Mexico			3	Tex.
<i>Lepidosaphes pini</i> (Mask.) (Coccidae): <i>Pinus parviflora</i> (Japanese white pine)	Japan			1	Calif.*
<i>Pinus</i> sp.	do			1	Hawaii.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae): <i>Codiaeum variegatum</i> (variegated codiaeum)	Australia, Bahamas, Fiji Islands, Hawaii, South Pacific, Trinidad.	10	3	5	D.C., Fla., Hawaii.
<i>Codiaeum variegatum</i> 'Pictum'	Australia	1			Hawaii.
<i>Codiaeum variegatum</i> 'Punctatumaureum'	Barbados			2	Mass.
<i>Codiaeum</i> sp.	Fiji Islands			1	Hawaii
<i>Lepidosaphes tuberculata</i> Mal. (Coccidae): <i>Cymbidium virescens</i> (orchid)	Formosa			1	Calif.*
<i>Cymbidium</i> sp.	Australia, Formosa, Japan, Philippines.	1		12	Calif.,* Hawaii, Hawaii,* N.J., N.Y.
<i>Cymbidium</i> vars.	Australia, Formosa, Japan.			12	Calif.*
Orchid	Japan			1	Hawaii.*
<i>Lepidosaphes tubulorum</i> Ferris (Coccidae): Leaf—unidentified	do	1			Hawaii.
<i>Leptoglossus chilensis</i> (Spin.) (Coreidae): <i>Vitis</i> sp. (grape)	Chile	16			Fla., N.Y.
<i>Leptopharsa tenuis</i> (Champ.) (Tingidae): Orchid	Mexico			1	Tex.
<i>Leptura fulva</i> DeG. (Cerambycidae): Fruit	Europe (country(?))		1		N.Y.
<i>Leucaspis cockerelli</i> (de Charm.) (Coccidae): <i>Citrus aurantifolia</i> (lime)	Colombia, El Salvador	1	1		Calif.*
<i>C. grandis</i> (pummelo)	Hawaii		1		Calif.*
<i>C. limon</i> (lemon)	Costa Rica, Guatemala	2			Calif.*
<i>C. paradisi</i> (grapefruit)	Cuba		1		Calif.*
<i>C. sinensis</i> (orange)	Cuba, Panama		2		Calif.*
<i>Dictyosperma album furfuraceum</i> (palm)	Brazil			1	D.C.
Palm	Honduras			1	Fla.
<i>Leucaspis loewi</i> Colvee (Coccidae): <i>Pinus</i> sp. (pine)	Germany	1			Tex.
<i>Leucaspis pusilla</i> Loew (Coccidae): <i>Pinus</i> sp. (pine)	Iraq	1			Tex.
<i>Leucaspis riccae</i> Targ. (Coccidae): <i>Olea europaea</i> (olive)	Greece	1			N.Y.
<i>Leucinodes orbonalis</i> Guen. (Pyraustidae): <i>Solanum</i> sp.	Liberia	1			N.Y.
<i>Leucochroma corope</i> (Cram.) (Pyraustidae): Airplane	Panama		1		Fla.
<i>Leucoptera coffeella</i> G.-M. (Lyonetiidae): <i>Coffea</i> sp.	Brazil, Costa Rica, Mexico.	3			Fla., N.Y., Tex.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae): <i>Cucumis melo cantalupensis</i> (cantaloupe)	Mexico	1			Ariz.
<i>Dioon edule</i>	do			2	Tex.
Orchid	Costa Rica, Mexico			2	Tex.
<i>Limax marginatus</i> (Müller) (Limacidae): Flowers	Guatemala	1			La.
Orchid	Costa Rica, Mexico			6	Fla., Tex.
Soil with ferns	Portugal			2	Fla.
<i>Limax maximus</i> L. (Limacidae): <i>Brassica oleracea capitata</i> (cabbage)	Italy		1		Pa.
<i>Limax maximus</i> L.(?) (Limacidae): Orchid	Colombia			1	Fla.
<i>Limothrips denticornis</i> (Hal.) (Thripidae): <i>Begonia</i> sp.	Germany			1	N.Y.
<i>Calluna vulgaris</i> (heather)	Scotland	1			N.Y.
<i>Convallaria majalis</i> (lily-of-the-valley)	Denmark			1	N.Y.
<i>Fagus sylvatica</i> (European beech)	do			1	N.Y.
<i>Listroderes subcinctus</i> (Boh.) (Curculionidae): <i>Prunus persica</i> (peach)	Chile	1			N.Y.

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<i>Lobesia botrana</i> (Schiff.) (Olethreutidae):					
<i>Vitis</i> sp. (grape)	France		1		Mass.
<i>Lophothetes hirsutus</i> (Zimm.) (Curculionidae):					
<i>Brassica chinensis</i> (Chinese cabbage)	Mariana Islands	1			Hawaii.
<i>Lucanus cervus</i> (L.) (Lucanidae):					
Airplane	Germany		1		N.J.
<i>Lyctus africanus</i> Lesne (Lyctidae):					
Wood (crate)	India	3			N.Y.
<i>Lygaeus albo-ornatus</i> Blanch. (Lygaeidae):					
<i>Allium cepa</i> (onion)	Chile	1			N.Y.
<i>Lygaeus pandurus</i> (Scop.) (Lygaeidae):					
Airplane	Unknown		1		S.C.
<i>Mamestra brassicae</i> (L.) (Noctuidae):					
Airplane	Guam(?)		1		Hawaii.
<i>Brassica oleracea capitata</i> (cabbage)	France, Japan	1	1		St. Thomas & St. John, Wash.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	11			N.Y., P.R.
<i>Canavalia microcarpa</i>	Hawaii	1		1	Hawaii.
<i>Canavalia</i> sp.	do	9			Calif.*
<i>Phaseolus vulgaris</i> var. (string bean)	Brazil, Puerto Rico, Trinidad.	1	2		Hawaii. Fla., Pa.,
<i>Sesbania grandiflora</i>	Hawaii	1			Hawaii.
<i>Mecolaemus carvalhoi</i> (Costa Lima) (Miridae):					
<i>Oncidium</i> sp. (orchid)	Costa Rica			1	Fla.
<i>Megacerus alternatus</i> Bridw. (Bruchidae):					
<i>Operculina tuberosa</i> (wood-rose)	Hawaii	1			Hawaii.
<i>Megachile fullawayi</i> Ckll. (Megachilidae):					
Airplane	Palmyra Island(?)		1		Hawaii.
<i>Megalonotus chiragra</i> (Fabr.) (Lygaeidae):					
<i>Erica</i> sp. (heath)	Canada			1	Wash.
<i>Megastigmus pistaciae</i> Wlk. (Torymidae):					
<i>Schinus terebinthifolia</i> (Brazil peppertree)	Union of South Africa			1	N.J.
<i>Megastigmus suspectus pinsapinis</i> Hffm. (Torymidae):					
<i>Cedrus libani</i> (Cedar-of-Lebanon)	Turkey			1	N.J.
<i>Melanocoryphus circumlitus</i> (Stal) (Lygaeidae):					
Orchid	Mexico			1	Fla.
<i>Melanoides tuberculata</i> (Müller) (Thiaridae):					
<i>Marsilea quadrifolia</i> (?) (aquatic plant)	Australia			1	Calif.*
<i>Metamasius hemipterus hemipterus</i> (L.) (Curculionidae):					
Airplane	Puerto Rico		1		P.R.
<i>Musa paradisiaca sapientum</i> (banana)	Dominican Republic, Puerto Rico.	3			Fla., P.R.
<i>Metamasius hemipterus sericeus</i> (Ol.) (Curculionidae):					
Airplane	Cuba		1		Fla.
<i>Chamaedorea oblongata</i>	Mexico	1			Tex.
<i>Hibiscus esculentus</i> (okra)	Cuba	1			La.
<i>Musa paradisiaca sapientum</i> (banana)	Ecuador, Guatemala, Honduras, Panama.	43	1		La., Md., N.Y., Pa., S.C.
<i>Metioche vittaticollis</i> (Stal) (Gryllidae):					
<i>Dioscorea</i> sp. (yam)	Hawaii	1			Hawaii.
Mail parcel	do	1			Hawaii.
<i>Metopoplax ditomoides</i> (Costa) (Lygaeidae):					
Herb—medicinal	Cuba	1			Fla.
Military cargo	Morocco(?), unknown	2			La., N.J.
<i>Miccotrogus picirostris</i> (F.) (Curculionidae):					
Orchid	France			1	N.Y.
<i>Micrapate labialis</i> Lesne (Bostrichidae):					
Wood (crate)	Mexico	1			Ariz.
<i>Micrelus ericae</i> (Gyll.) (Curculionidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			N.Y.
<i>Milax gagates</i> (Draparnaud) (Limacidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Italy		2		Pa.

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<i>Mimosestes dominicanus</i> (Jek.) (Bruchidae): <i>Caesalpinia coriaria</i>	Mexico.....	1			Tex.
<i>Minthea rugicollis</i> (Wlk.) (Lyctidae): Bamboo.....	Vietnam.....	1			Hawaii.
Wood.....	Colombia, Haiti.....	2			La., P.R.
<i>Miogryllus ensifer</i> (Scudd.) (Gryllidae): Orchid.....	Panama.....			1	Fla.
<i>Mocis frugalis</i> (F.) (Noctuidae): Airplane.....	Guam(?), Midway Islands(?).....		2		Hawaii.
<i>Monacha cantiana</i> (Montagu) (Helicellidae): Sphagnum moss with tree.....	Italy.....			1	N.Y.
<i>Monacha schotti</i> (Pfeiffer) (Helicellidae): Peat moss.....	Israel.....	1			N.Y.
<i>Monanthia lupuli</i> (H.-S.) (Tingidae): <i>Trifolium</i> sp. (clover).....	Yugoslavia.....			1	D.C.
<i>Monomorium destructor</i> (Jerd.) (Formicidae): <i>Allium sativum</i> (garlic).....	Italy.....	1			P.R.
<i>Ansellia</i> sp. (orchid).....	East Africa.....			1	N.Y.
<i>Aponogeton</i> sp.....	Ceylon.....			2	N.Y.
<i>Averrhoa</i> sp.....	Philippines.....	1			Hawaii.
<i>Blighia sapida</i> (akee).....	Jamaica.....	1			N.Y.
<i>Dioscorea</i> sp. (yam).....	do.....	1			N.Y.
Fruit—unidentified.....	Bahamas.....	1			N.Y.
<i>Lilium</i> sp. (lily).....	Dominican Republic.....	1			N.Y.
<i>Samanea saman</i> (raintree saman).....	Philippines.....	1			Hawaii.*
<i>Tamarindus</i> sp.....	do.....	1			Hawaii.
<i>Zea mays</i> (corn).....	Haiti.....	1			Fla.
<i>Morganella longispina</i> (Morg.) (Coccidae): <i>Citrus grandis</i> (pummelo).....	Tahiti.....		1		Hawaii.
<i>C. grandis</i> var. <i>sarawak</i>	do.....	1			Hawaii.
<i>C. reticulata</i> (Mandarin orange).....	Japan.....		1		Calif.*
<i>Citrus</i> sp.....	New Caledonia.....			1	D.C.
<i>Mormidea pictiventris</i> Stal (Pentatomidae): Orchid.....	Mexico.....			1	Tex.
<i>Mormidea pictiventris</i> of authors (Pentatomidae): Orchid.....	Cuba.....			1	Fla.
<i>Myodocha giraffa</i> Stal (Lygaeidae): Orchid.....	Mexico.....			1	Tex.
<i>Myrmecophila americana</i> Sauss. (Gryllidae): <i>Anthurium</i> sp.....	do.....			1	Tex.
<i>Myrmedobia distinguenda</i> Reut. (Microphysidae): <i>Calluna vulgaris</i> (heather).....	England.....	1			N.Y.
<i>Myzus anselliae</i> Hall (Aphidae): <i>Ansiella nilotica</i> (orchid).....	Kenya.....			1	Hawaii.
<i>Myzus ascalonicus</i> Donc. (Aphidae): <i>Allium cepa</i> (onion).....	Ireland.....	1			N.Y.
Flowers—assorted.....	England, unknown.....	3			Mass., N.J., N.Y.
<i>Lactuca sativa</i> (lettuce).....	Europe (country(?)).....		1		N.Y.
Soil with <i>Primula</i> sp. (primrose).....	England.....			1	N.J.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae): Palm.....	Mexico.....	1			Tex.
<i>Nasutitermes costalis</i> (Holmgr.) (Termitidae): Orchid.....	Trinidad.....			1	N.Y.
<i>Nasutitermes ephratae</i> (Holmgr.) (Termitidae): Orchid.....	Venezuela.....			1	Fla.
<i>Nasutitermes rippertii</i> (Rambur) (Termitidae): Wood.....	Cuba.....	1			Fla.
<i>Naupactus xanthographus</i> (Germ.) (Curculionidae): <i>Vitis</i> sp. (grape).....	Argentina, Chile.....	6			Calif.,* La., N.Y.
<i>Neoclytus acuminatus</i> (F.) (Cerambycidae): Quarters of ship.....	Venezuela(?).....		1		Tex.
<i>Neodryocoetus guianae</i> Blkm. (Scolytidae): <i>Cajanus cajan</i> (pigeonpea).....	British Guiana.....	2			La., Pa.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae): <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Solanum melongena</i> (eggplant).....	Brazil.....	1	1		Fla., N.Y.

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<i>Nephotettix apicalis</i> (Motsch.) (Cicadellidae): Airplane	Guam, Japan, Kwajalein(?), West Pacific.	---	5	---	Hawaii.
<i>Newsteadia floccosa</i> (deGeer) (Coccidae): Rosa sp.	Spain	---	---	1	N.Y.
<i>Nipponaclerda biwakoensis</i> (Kuw.) (Coccidae): Juncus sp. (rush)	Japan	1	---	---	Calif.*
<i>Niveaspis vulcanicus</i> Ferris (tentative) (Coccidae): Echeveria sp.	Ecuador	---	---	1	Calif.*
<i>Notogramma stigma</i> (F.) (Otitidae): Airplane	Christmas Island	---	1	---	Hawaii.
<i>Nysius coenosulus</i> Stal (Lygaeidae): Orchid	Hawaii	1	---	---	Hawaii.
<i>Vanda joaquimiae</i> (orchid)	do	1	---	---	Hawaii.
<i>Vanda</i> sp.	do	6	---	---	Hawaii.
<i>Nysius plebeius</i> Dist. (Lygaeidae): Airplane	Japan	---	1	---	Hawaii.
Baggage	do	---	1	---	Hawaii.
<i>Nysius raphanus</i> Howard (Lygaeidae): Airplane	Cuba	---	1	---	Fla.
<i>Brassica oleracea capitata</i> (cabbage)	Mexico	1	---	---	Calif.
<i>Chrysanthemum</i> sp.	do	1	---	---	Tex.
<i>Cucumis sativus</i> (cucumber)	do	1	---	---	Ariz.
<i>Gossypium</i> sp. (cotton; flower)	do	1	---	---	Tex.
<i>Matthiola</i> sp.	do	1	---	---	Calif.
<i>Portulaca oleracea</i> (purslane)	do	2	---	---	Tex.
<i>Ochrinus collaris</i> (F.) (Lygaeidae): Baggage	Puerto Rico	2	---	---	P.R.
<i>Ochrinus vittiscutis</i> (Stal) (Lygaeidae): Yucca sp.	Mexico	---	---	1	Tex.
<i>Odonaspis greenii</i> Ckll. (Coccidae): Bamboo	Hawaii	1	---	---	Hawaii.
<i>Odonaspis lobulatus</i> (Mask.) (Coccidae): Bambusa sp. (bamboo)	Japan	1	---	---	Calif.*
<i>Oedancala bimaculata</i> (Dist.) (Lygaeidae): Orchid	Mexico	---	---	1	Ariz.
<i>Oligonychus perditus</i> P. & B. (Tetranychidae): Juniperus sp. (juniper)	Japan	---	---	1	Wash.
<i>Opuntiaspis carinata</i> (Ckll.) (Coccidae): Nolina sp.	Mexico	---	---	1	Tex.
<i>Orchamoplatus citri</i> (Takah.) (Aleyrodidae): Citrus sp.	Australia	---	1	---	Hawaii.
<i>Orchamoplatus mammaeferus</i> (Q. & B.) (Aleyrodidae): <i>Codiaeum variegatum</i> (variegated codiaeum)	Australia, Fiji Islands, Japan, South Pacific.	4	7	2	Hawaii.
<i>C. variegatum</i> 'Pictum'	Australia	1	---	---	Hawaii.
<i>Codiaeum</i> sp.	Fiji Islands	---	---	1	Hawaii.
<i>Orellia punctata</i> (Schr.) (Tephritidae): Carthamus tinctorius (safflower)	Jordan	---	---	1	D.C.
<i>Orocharis vaginalis</i> Sauss. (Gryllidae): <i>Codiaeum variegatum</i> (variegated codiaeum)	Tortola	---	---	1	St. Thomas & St. John
<i>Orsillus depressus</i> Dallas (Lygaeidae): <i>Chamaecyparis lawsoniana</i> (Lawson falsecypress).	Italy	---	---	1	N.J.
<i>Orthezia praelonga</i> Dougl. (Coccidae): Orchid	Trinidad	---	1	---	P.R.
<i>Orthezia pseudinsignis</i> Morr. (Coccidae): Citrus sp.	Mexico	2	---	---	Tex.
<i>Solanum muricatum</i> (pepino)	Guatemala	---	---	1	D.C.
<i>Otala lactea</i> (Müller) (Helicidae): Military cargo	Greece	1	---	---	N.Y.
<i>Otala vermiculata</i> (Müller) (Helicidae): Military cargo	Morocco, unknown	2	---	---	La., N.J.
<i>Otosema odorata</i> (L.) (Noctuidae): Airplane	Hawaii	---	1	---	Hawaii.

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<i>Oxychilus alliarius</i> (Müller) (Zonitidae):					
Soil with <i>Leontopodium</i> sp. (edelweiss)-----	Germany-----			1	Mich.
Soil with moss-----	Iceland-----	1			N.J.
Soil with plants-----	Union of South Africa-----			1	Mass.
<i>Oxychilus cellarius</i> (Müller) (Zonitidae):					
<i>Dianthus caryophyllus</i> (carnation)-----	England-----			1	N.Y.
<i>Oxydema fusiforme</i> Woll. (Curculionidae):					
Mail parcel-----	Hawaii-----	1			Hawaii.
<i>Pachybrachius nietneri</i> (Dohrn) (Lygaeidae):					
Orchid-----	Philippines-----			1	Calif.*
<i>Pachybrachius nigriceps</i> (Dallas) (Lygaeidae):					
Airplane-----	Guam(?)-----		1		Hawaii.
<i>Pagiocerus fiorii</i> (Eggers) (Scolytidae):					
<i>Zea mays</i> (corn)-----	Colombia, Cuba, Ecuador, Peru.-----	9			Fla., N.J., N.Y.
<i>Paleopus costicollis</i> Mshl. (Curculionidae):					
<i>Dioscorea</i> sp. (yam)-----	Trinidad, Venezuela-----	2			Fla., N.Y.
<i>Ipomoea batatas</i> (sweetpotato)-----	Jamaica-----		1		Tex.
<i>Pallantia maculata</i> Dallas (Pentatomidae):					
Orchid-----	Mexico-----			1	Tex.
<i>Palomena angulosa</i> (Motshulsky) (Pentatomidae):					
<i>Ligustrum acuminatum</i> (sharp-leaf privet)-----	Japan-----			1	D.C.
<i>Palpita unionalis</i> (Hbn.) (Pyraustidae):					
<i>Jasminum</i> sp. (jasmine)-----	France-----	1			N.Y.
<i>Parisoschoenus expositus</i> Champ. (Curculionidae):					
<i>Chamaedorea oblongata</i> -----	Mexico-----	2			Tex.
<i>Parisoschoenus flavolimbatus</i> Champ. (Curculionidae):					
<i>Chamaedorea oblongata</i> -----	do-----	17		2	Tex.
<i>Parlatoria chinensis</i> Marl. (Coccidae):					
<i>Spondias purpurea</i> (purple mombin)-----	Philippines-----	1			Hawaii.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (lime)-----	Brazil, Trinidad-----		2		Calif.*
<i>C. aurantifolia</i> (sour lime)-----	Japan(?), Panama-----		2		Calif.,* Hawaii.
<i>C. limon</i> (lemon)-----	Italy, Trinidad-----		3		Calif.,* Pa.
<i>C. paradisi</i> (grapefruit)-----	Brazil, Panama, Trinidad-----		3		Ala., Calif.*
<i>C. reticulata</i> (Mandarin orange)-----	Brazil-----		1		Calif.*
<i>C. sinensis</i> (orange)-----	Argentina, Brazil, Union of South Africa, unknown.-----	1	5		Calif.,* Fla.
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum variegatum</i> (variegated codiaeum)-----	Hawaii-----	3			Hawaii.
<i>Codiaeum</i> sp.-----	do-----		2		Calif.*
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Diospyros</i> sp. (persimmon)-----	Italy-----	1			N.Y.
<i>Olea europaea</i> (olive)-----	do-----			1	N.Y.
<i>Olea</i> sp.-----	Greece-----			1	D.C.
<i>Prunus domestica</i> (plum)-----	Malta-----	1			Mich.
<i>Sorbus domestica</i> (servicetree mountainash)-----	Greece-----		1		N.J.
<i>Parlatoria pseudaspidotus</i> Ldgr. (Coccidae):					
Orchid-----	Burma, Panama-----			3	Fla., N.Y.
<i>Phalaenopsis leucorrhoda</i> (orchid)-----	Philippines-----			1	Calif.*
<i>Vanda joaquimiae</i> (orchid)-----	Hawaii-----	2		1	Hawaii.
<i>Vanda</i> sp.-----	Canal Zone, Hawaii-----			2	Fla., Hawaii
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)-----	Philippines-----		1		Calif.*
<i>C. grandis</i> (pummelo)-----	China, Fiji Islands, Hawaii, Hong Kong.-----	6			Calif.,* Hawaii.
<i>C. limon</i> (lemon)-----	Japan, unknown-----	3	2		Calif.,* Hawaii.
<i>C. paradisi</i> (grapefruit)-----	Algeria, Hawaii-----		2		Calif.*
<i>C. reticulata</i> (Mandarin orange)-----	China, Formosa, Hong Kong, Indonesia, Italy, Japan, Okinawa, Philippines, unknown, Vietnam.-----	13	7		Calif.,* Hawaii, Mass.

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<i>Parlatoria zizyphus</i> (Lucas) (Coccidae—Con. <i>C. reticulata</i> var. (King orange)-----	Formosa, Japan, Philippines, Thailand.	4	1	-----	Hawaii.
<i>C. sinensis</i> (orange)-----	China, Hawaii, Hong Kong, Italy, Japan, Okinawa, Philippines, Spain, Tunisia, unknown.	5	7	-----	Calif.,* Hawaii, Mass.
<i>Citrus</i> sp.-----	China, Hong Kong-----	1	-----	1	D.C., Hawaii.
<i>Paroecanthus annulatus</i> (Scudd.) (Gryllidae): Airplane-----	Nicaragua-----	-----	2	-----	Fla.
<i>Parthenothrips dracaenae</i> (Heeger) (Thripidae): Flowers—assorted-----	Sweden-----	1	-----	-----	N.Y.
<i>Pealius azaleae</i> (B. & M.) (Aleyrodidae): <i>Rhododendron simsii</i> (Indian azalea)-----	England-----	-----	-----	1	N.J.
<i>Pealius hibisci</i> (Kot.) (Aleyrodidae): <i>Gardenia augusta</i> -----	Hawaii-----	1	-----	-----	Hawaii.
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae): <i>Gossypium barbadense</i> (cotton; boll)-----	do-----	1	-----	-----	Hawaii.
<i>Gossypium</i> sp. (cotton; boll)-----	Cuba, Jamaica, Mexico, Trinidad.	3	-----	1	Fla., N.Y., P.R., Tex.
<i>Gossypium</i> sp. (cottonseed)-----	Brazil, Hawaii, Mexico, Puerto Rico.	7	1	-----	Calif.,* Fla., La., Tex.
<i>Gossypium</i> sp. (seed cotton)-----	Mexico-----	-----	2	-----	Tex.
<i>Hibiscus esculentus</i> (okra)-----	Dominican Republic-----	2	1	-----	N.Y., Pa., P.R.
<i>Pectinophora scutigera</i> (Hold.) (Gelechiidae): <i>Gossypium</i> sp. (cotton; boll)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Pentalonia nigronervosa</i> Coq. (Aphidae): <i>Alpinia purpurata</i> -----	do-----	5	-----	-----	Hawaii.
<i>Mangifera indica</i> (mango)-----	Cuba-----	1	-----	-----	N.Y.
<i>Mentha</i> sp.-----	Guam-----	-----	-----	1	Wash.
<i>Musa</i> sp.-----	American Samoa-----	1	-----	-----	Hawaii.
<i>Strelitzia</i> sp.-----	Belgian Congo, Puerto Rico.	1	1	-----	Ala., N.Y.
<i>Zingiber</i> sp. (ginger)-----	Hawaii-----	2	-----	-----	Hawaii.
<i>Pentamerismus oregonensis</i> McG. (Tenuipalpidae): <i>Juniperus chinensis</i> (pyramid Chinese juniper)-----	Japan-----	-----	-----	1	Hawaii.*
<i>Pentharthrum huttoni</i> Woll. (Curculionidae): <i>Dahlia</i> sp.-----	France-----	1	-----	-----	Ill.
<i>Perkinsiella saccharicida</i> Kirk. (Delphacidae): <i>Coccoloba uvifera</i> (common seagrape)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Pheidole megacephala</i> (F.) (Formicidae): <i>Alpinia purpurata</i> -----	do-----	1	-----	-----	Hawaii.
<i>Ananas comosus</i> (pineapple)-----	Cuba-----	2	-----	-----	N.Y.
Burlap bag-----	Unknown-----	1	-----	-----	N.Y.
<i>Cabomba</i> sp.-----	Cuba-----	-----	-----	1	N.Y.
<i>Cocos nucifera</i> (coconut)-----	Palmyra Island-----	-----	-----	1	Hawaii.
<i>Dendrobium</i> sp. (orchid)-----	Australia-----	-----	-----	1	Hawaii.
Driftwood-----	Bermuda-----	1	-----	-----	Mass.
<i>Heliconia</i> sp.-----	Hawaii-----	1	-----	-----	Hawaii.
Herbs-----	Puerto Rico-----	1	-----	-----	Ill.
<i>Hibiscus esculentus</i> (okra)-----	Cuba-----	1	-----	-----	N.Y.
<i>Leucaena glauca</i> -----	Hawaii-----	1	-----	-----	Hawaii.
<i>Lilium</i> sp. (lily)-----	Bermuda-----	1	-----	-----	N.Y.
<i>Mentha</i> sp. (mint)-----	Cuba-----	1	-----	-----	N.Y.
<i>Nothopanax guilfoylei</i> -----	Fiji Islands-----	-----	1	-----	Hawaii.
Orchid-----	British Honduras, Cuba, Hawaii, Honduras.	1	-----	3	Fla., N.Y., Hawaii.
Plant—unidentified-----	Cape Verde Islands-----	-----	-----	1	N.Y.
<i>Sechium edule</i> (chayote)-----	Cuba-----	1	-----	-----	N.Y.
Succulent-----	Bermuda-----	1	-----	-----	N.Y.
<i>Phelypera distigma</i> Boh. (Curculionidae): Bromeliad-----	Mexico-----	-----	-----	1	Tex.
Orchid-----	do-----	-----	-----	3	Tex.

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<i>Phenacoccus hirsutus</i> Green (Coccidae): <i>Spondias purpurea</i> (purple mombin).....	Philippines.....	1	—	—	Hawaii.
<i>Phenacoccus stelli</i> (Brain) (Coccidae): <i>Protea</i> sp.....	Union of South Africa.....	1	—	—	Tex.
<i>Philaenus leucophthalmus</i> (L.) (Cercopidae): <i>Cynara scolymus</i> (artichoke).....	France.....	1	—	—	N.Y.
<i>Rosmarinus officinalis</i> (rosemary).....	Italy.....	—	—	1	Mass.
<i>Phloeosinus shotoensis</i> Muray. (Scolytidae): Wood (dunnage).....	Japan.....	—	1	—	Fla.
<i>Phlyctinus callosus</i> Boh. (Curculionidae): <i>Vitis</i> sp. (grape).....	Union of South Africa.....	1	—	—	N.Y.
<i>Phytomyza gentianae</i> (Hend.) (?) (Agromyzidae): <i>Gentiana</i> sp.....	Switzerland.....	1	—	—	N.J.
<i>Phytomyza rufipes</i> Meig. (Agromyzidae): <i>Brassica oleracea botrytis</i> (cauliflower).....	Belgium, England, France, Germany, Great Britain, Ireland, Italy, Netherlands, Sweden.	—	24	—	Pa., Tex.
<i>B. oleracea bullata</i> (Savoy cabbage).....	Ireland.....	—	1	—	Pa.
<i>B. oleracea capitata</i> (cabbage).....	Denmark, England, Germany, Ireland, Italy, Netherlands.	—	15	—	Pa., Tex.
<i>Cichorium endivia</i> (endive).....	Belgium.....	5	—	—	N.Y.
<i>C. intybus</i> (chicory).....	do.....	1	—	—	N.Y.
<i>Piesma capitatum</i> (Wolff) (Piesmatidae): Herbs.....	Italy.....	1	—	—	Mass.
<i>Pinnaspis buxi</i> (Bouché) (Coccidae): <i>Anthurium</i> sp.....	Costa Rica.....	—	—	1	Fla.
<i>Cordyline terminalis</i> (ti).....	Hawaii.....	1	—	—	Hawaii.
<i>Dictyosperma album furfuraceum</i> (princess-palm).	Brazil.....	—	—	1	D.C.
<i>Dracaena</i> sp.....	Trinidad.....	—	1	—	Fla.
<i>Heliconia</i> sp.....	Cuba.....	—	—	1	Fla.
<i>Neomoorea</i> sp.....	Canal Zone.....	—	—	1	Fla.
<i>Philodendron</i> sp.....	Hawaii.....	1	1	1	Calif.,* Hawaii.
<i>Spathiphyllum</i> sp.....	Philippines.....	—	—	1	Hawaii.
<i>Pinnaspis orchidarum</i> (Ferris) (Coccidae): <i>Vanda dearei</i> (orchid).....	Singapore.....	—	—	1	Hawaii.
<i>Pinnaspis uniloba</i> (Kuw.) (Coccidae): <i>Alyxia olivaeformis</i> (maile alyxia).....	Hawaii.....	1	—	—	Hawaii.
<i>Pityogenes chalcographus</i> (L.) (Scolytidae): <i>Picea</i> sp. (spruce).....	Belgium.....	1	—	—	Fla.
<i>Pinus</i> sp. (pine).....	Norway, Sweden.....	2	—	—	N.Y.
Wood (crate).....	Belgium, Sweden.....	4	—	—	Fla.
<i>Pityogenes quadridens</i> (Hartig) (Scolytidae): Wood (crate).....	Sweden.....	1	—	—	Fla.
<i>Pityokteines spinidens</i> (Reitt.): Wood (crate).....	Germany.....	1	—	—	Mass.
<i>Pityophthorus micrographus</i> (L.) (Scolytidae): <i>Pinus</i> sp. (pine).....	Sweden.....	2	—	—	N.Y.
<i>Plagiodera scabricula</i> (Stal) (Chrysomelidae): Orchid.....	Mexico.....	—	—	2	Tex.
<i>Plagionotus arcuatus</i> (L.) (Cerambycidae): Wood.....	Unknown.....	—	1	—	Fla.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae): <i>Ananas comosus</i> (pineapple).....	Cuba.....	2	—	—	N.Y.
<i>Capsicum frutescens</i> (pepper).....	Cuba, Mexico.....	2	—	—	N.Y., Tex.
<i>C. frutescens grossum</i> (bell pepper).....	Cuba.....	1	—	—	Fla.
<i>Citrus reticulata</i> (Mandarin orange).....	Jamaica.....	1	—	—	N.Y.
Flowers.....	Mexico.....	1	—	—	Tex.
<i>Musa paradisiaca</i> (plantain).....	Honduras.....	3	—	—	Fla.
Orchid.....	Costa Rica.....	—	—	1	Fla.
<i>Punica granatum</i> (pomegranate).....	Mexico.....	1	—	—	Tex.
<i>Platypus rugulosus</i> Chap. (Platypodidae): Airplane.....	Panama.....	—	1	—	Fla.
Log.....	Colombia.....	1	—	—	Ga.
<i>Prioria copaifera</i> (cativo).....	do.....	2	—	—	Ga.
<i>Solanum tuberosum</i> (potato).....	Mexico.....	1	—	—	Tex.

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<i>Platysectra analis</i> (Costa) (Pterygophoridae):					
<i>Eucalyptus</i> sp.	Australia	1			Hawaii.
<i>Plesiommata mollicella</i> (Fowler) (Cicadellidae):					
Airplane	Nicaragua		1		Fla.
<i>Plusia chalcites</i> (Esp.) (Noctuidae):					
Baggage	Hawaii	1			Hawaii.
<i>Cordylina terminalis</i> (ti)	do	2		1	Calif.,*
<i>Vanda</i> sp. (orchid)	do	1			Hawaii.
<i>Polygraphus rufipennis</i> (Kby.) (Scolytidae):					
Bark	Canada	1			N.J.
<i>Pollinia pollini</i> (Costa) (Coccidae):					
<i>Olea</i> sp.	Greece			1	D.C.
<i>Porotermes quadricollis</i> (Rambur) (Hodotermitidae):					
<i>Prunus persica nectarina</i> (nectarine)	Chile	1			N.Y.
<i>Porphyrobaphe isotoma</i> (Sowerby) (Bulimulidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Ecuador	12			Fla., La., Md., N.Y., Pa.
<i>Prays oleellus</i> (F.) (Hyponomeutidae):					
<i>Olea europaea</i> (olive)	Greece, Lebanon, Turkey.	3			Mass.
<i>Proelymiotis johanna</i> Schs. (Notodontidae):					
Airplane	Venezuela		1		Fla.
<i>Prosopius bankii</i> (F.) (Cerambycidae):					
Baggage	Hawaii	1			Hawaii.
<i>Protopulvinaria longivalvata</i> Green (Coccidae):					
<i>Codiaeum variegatum</i> (variegated codiaeum)	Trinidad			1	D.C.
<i>Eryngium</i> sp.	Puerto Rico	1			P.R.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae):					
Flowers	Bermuda	1			Mass.
<i>Gardenia augusta</i>	Cuba	1			Fla.
<i>Murraya</i> sp.(?)	Antigua	1			P.R.
Plant—unidentified	Brazil			1	D.C.
<i>Pseudanaphothrips achaeus</i> (Bagn.)(?) (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation)	Australia	1			Hawaii.
<i>Pseudaonidia clavigera</i> (Ckll.) (Coccidae):					
<i>Gardenia augusta</i>	Hawaii			1	Calif.*
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Brazil		1		Fla.
<i>C. limon</i> (lemon)	do		2		Calif.,*
<i>C. reticulata</i> var. (King orange)	Philippines	2			Mass.
<i>Codiaeum variegatum</i> (variegated codiaeum)	Trinidad			1	Hawaii.
<i>Coffea</i> sp.	Brazil			2	D.C.
<i>Mucuna nova-guineensis</i>	Trinidad			1	N.Y.
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
<i>Brassavola digbyana</i> (orchid)				1	D.C.
<i>Cattleya</i> sp. (orchid)	British Honduras			1	Fla.
<i>Epidendrum</i> sp. (orchid)	El Salvador			1	Fla.
<i>Laelia anceps</i> (orchid)	Mexico			1	Tex.
<i>Oncidium sphacelatum</i> (orchid)	Nicaragua			1	Tex.
<i>Oncidium</i> sp.	Mexico			1	Tex.
Orchid	Costa Rica			1	Fla.
	British Honduras, Canal Zone, Costa Rica, El Salvador, Guatemala, Panama.			9	Fla.
<i>Pseudischnaspis linearis</i> Hempel (Coccidae):					
<i>Holocalyx glaziovii</i>	Brazil			1	D.C.
<i>Pseudischnaspis longissima</i> (Ckll.) (Coccidae):					
<i>Mangifera indica</i> (mango)	Nicaragua	2			Calif.*
<i>Pseudochelidura sinuata</i> (Germ.) (Forficulidae):					
<i>Cynara scolymus</i> (artichoke)	Italy			1	N.Y.
<i>Pseudococcus boninsis</i> (Kuw.) (Coccidae):					
Cuttings	Dominican Republic			1	N.Y.
<i>Pseudococcus citricus</i> (Ezzat & McConnell) (Coccidae):					
<i>Dioscorea</i> sp. (yam)	Barbados	1			Mass.
<i>Myrtus communis</i> (true myrtle)	Italy			1	N.J.

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<i>Pseudococcus cualatensis</i> Ckll. (Coccidae):					
<i>Nolina</i> sp.	Mexico			1	Tex.
<i>Pseudococcus gahani</i> Green (Coccidae):					
Flowers—assorted	Union of South Africa	1			N.Y.
<i>Prunus domestica</i> (plum)	Chile	1			N.Y.
<i>P. persica</i> (peach)	Union of South Africa	1			N.Y.
<i>Pseudococcus lilacinus</i> Ckll. (Coccidae):					
<i>Annona reticulata</i> (custard-apple)	Philippines	1			Hawaii.
<i>Lansium domesticum</i>	do	1			Hawaii.
<i>Pseudococcus njalensis</i> Laing (Coccidae):					
<i>Theobroma cacao</i> (cacao)	Liberia	1			N.Y.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	5			Hawaii.
<i>Strelitzia nicolai</i>	do	1			Hawaii.
<i>Pseudoparlatoria ostreata</i> Ckll. (Coccidae):					
<i>Oncidium</i> sp. (orchid)	Jamaica			1	Fla.
Orchid	Cuba, Guatemala, Mexico.			3	Fla.
<i>Psylla minuticon</i> Crawf. (?) (Psyllidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Psylla rhododendri</i> Puton (Psyllidae):					
<i>Rhododendron ferrugineum</i> (rock rhododendron).	Switzerland	1			N.J.
<i>Rhododendron</i> sp.	do	1			Ill.
<i>Psylliodes punctifrons</i> Baly (Chrysomelidae):					
<i>Brassica chinensis</i> (Chinese cabbage)	Japan		1		N.C.
<i>Pulvinaria floccifera</i> (Westw.) (Coccidae):					
<i>Camellia</i> sp.	England	1			N.Y.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Alpinia purpurata</i>	Hawaii	2			Hawaii.
<i>Boerlagiodendron</i> sp.	Philippines			1	Hawaii.*
<i>Ficus pandurata</i> (fiddleleaf fig)	Mexico			1	Tex.
<i>Gardenia augusta</i>	Hawaii	5			Hawaii.
<i>Ixora</i> sp.	South Pacific		1		Hawaii.
<i>Litchi chinensis</i> (lychee)	Hawaii	2			Hawaii.
<i>Melastoma</i> sp.	Federation of Malaya	1			Hawaii.
<i>Murraya</i> sp. (?)	Antigua	1			P.R.
<i>Zanthoxylum</i> sp.	Nepal	2			D.C.
Zingiberaceae	Hawaii	2			Hawaii.
<i>Pulvinaria urticae</i> Ckll. (Coccidae):					
<i>Capsicum frutescens</i> (pepper)	Puerto Rico	1			P.R.
<i>Puto mexicanus</i> (Ckll.) (Coccidae):					
Corm—unidentified	Mexico	1			Tex.
<i>Mammillaria</i> sp. (cactus)	do			1	Tex.
<i>Puto ulter</i> Ferris (Coccidae):					
<i>Epidendrum stamfordianum</i> (orchid)	Guatemala			1	Tex.
Orchid	do			1	Fla.
<i>Pycnarthrum pallidum</i> (Chap.) (Scolytidae):					
Airplane	Cuba		1		Fla.
<i>Pycnoderes monticulifer</i> Reuter (Miridae):					
Airplane	Dominican Republic		1		P.R.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper)	Italy, Poland	2			N.Y.
<i>Phaseolus vulgaris</i> var. (string bean)	Japan		1		Wash.
<i>Solanum</i> sp.	Union of South Africa	1			N.J.
<i>Sorghum vulgare technicum</i> (broomcorn)	Italy	1	1		La., N.Y.
<i>Zea mays</i> (corn)	Azores, Italy	2			N.Y.
<i>Pyrgocorypha sallei</i> Sauss. (Tettigoniidae):					
Bromeliad	Mexico			1	Tex.
<i>Restidia ruha</i> Dyar (?) (Chrysaugidae):					
Leaves	Guatemala	1			Ala.
<i>Reticulitermes flavipes</i> (Koll.) (Rhinotermitidae):					
<i>Gossypium</i> sp. (cotton)	Mexico	1			Tex.
<i>Reticulitermes lucifugus</i> (Rossi) (Rhinotermitidae):					
Soil with <i>Tulipa</i> sp.	Italy			1	N.Y.
<i>Reticulitermes tibialis</i> Banks (Rhinotermitidae):					
Crate	Mexico	1			Calif.
<i>Rhabdoscelus obscurus</i> (Boisd.) (Curculionidae):					
<i>Saccharum officinarum</i> (sugarcane)	Hawaii	1			Calif.*

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Rhagoletis cerasi</i> (L.) (Tephritidae): <i>Prunus</i> sp. (cherry)-----	France, Germany, Hungary, Italy, Poland, Portugal, Rumania, Spain, Yugoslavia.	19	12	-----	Calif.,* Mass., Mich., N.Y., Tex., Va.
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae): <i>Prunus</i> sp. (cherry)-----	Germany-----	1	-----	-----	N.J.
<i>Rhapogaster nebulosa</i> (Poda) (Pentatomidae): <i>Lactuca sativa</i> (lettuce)-----	France-----	-----	1	-----	P.R.
<i>Rhyparochromus alboacuminatus</i> (Goeze) (Lygaeidae): <i>Dianthus caryophyllus</i> (carnation)-----	do-----	1	-----	-----	N.Y.
<i>Ribua innoxia</i> Hein. (Phycitidae): <i>Ananas comosus</i> (pineapple)-----	Cuba, Dominican Republic.	27	-----	-----	Fla., N.Y.
<i>Bromelia pinguin</i> ----- <i>Saccharosydne saccharivora</i> (Westw.) (Delphacidae): Airplane-----	Cuba----- British West Indies-----	1	-----	-----	N.Y. P.R.
<i>Samoeides cancellalis</i> (Zell.) (Pyraustidae): Airplane-----	Japan-----	-----	1	-----	Hawaii.
<i>Sardia pluto</i> (Kirk.) (Delphacidae): Airplane-----	Fiji Islands-----	-----	1	-----	Hawaii.
<i>Scaphidium atrum</i> Matth. (Scaphidiidae): Orchid-----	Mexico-----	-----	-----	3	Tex.
<i>Scaptocoris minor</i> Berg (Pentatomidae): Airplane-----	Venezuela-----	-----	1	-----	Fla.
<i>Schoenobius incertulas</i> (Wlk.) (Schoenobiidae): Airplane-----	Japan-----	-----	2	-----	Hawaii.
<i>Sciocoris cursitans</i> (F.) (?) (Pentatomidae): <i>Camellia</i> sp.-----	England-----	1	-----	-----	N.Y.
<i>Scobicia chevrieri</i> (Villa) (Bostrichidae): Cork stave-----	Morocco-----	1	-----	-----	Pa.
<i>Scolytus multistriatus</i> (Marsh.) (Scolytidae): <i>Pyrus communis</i> (pear)-----	Mexico-----	1	-----	-----	Calif.
<i>Ulmus</i> sp. (elm)-----	Canada-----	1	-----	-----	N.Y.
<i>Sclenothrips rubrocinctus</i> (Giard) (Thripidae): <i>Amaryllis</i> sp.-----	Argentina-----	-----	-----	1	D.C.
<i>Anthurium</i> sp.----- <i>Codiaeum variegatum</i> (variegated codiaeum)-----	Cuba----- Hawaii-----	1	-----	1	Fla. Hawaii.
<i>Sesamia cretica</i> Led. (Noctuidae): <i>Sorghum vulgare technicum</i> (broomcorn)-----	Greece, Italy-----	3	-----	-----	N.Y.
<i>Sesamia nonagrioides</i> (Lef.) (?) (Noctuidae): <i>Zea mays</i> (corn)-----	Azores-----	1	-----	-----	N.Y.
<i>Simodactylus cinnamomeus</i> (Boisd.) (Elateridae): Plant material (dried arrangements)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Sinoxylon anale</i> Lesne (Bostrichidae): Wood (on camel saddle)-----	Egypt-----	1	-----	-----	La.
<i>Sinoxylon conigerum</i> Gerst. (Bostrichidae): Airplane-----	Japan-----	-----	1	-----	Hawaii.
<i>Siphanta acuta</i> (Wlk.) (Flatidae): <i>Hibiscus</i> sp.-----	Hawaii-----	-----	-----	1	Hawaii.
<i>Vanda</i> sp. (orchid)----- <i>Sipylus dilatatus</i> Wlk. (Membracidae): <i>Melastoma</i> sp.-----	do----- Federation of Malaya-----	1	-----	-----	Hawaii. Hawaii. Hawaii.
<i>Sitona hispidula</i> (F.) (Curculionidae): <i>Triticum aestivum</i> (wheat)-----	Italy-----	-----	-----	1	N.Y.
<i>Sitona lineata</i> (L.) (Curculionidae): <i>Lilium</i> sp. (lily)-----	Bermuda-----	1	-----	-----	N.Y.
<i>Tagetes florida</i> (marigold)----- <i>Solaropsis monile</i> (Broderip) (Camaenidae): <i>Musa paradisiaca sapientum</i> (banana)-----	do----- Ecuador-----	1	-----	-----	Mass. La., Md.
<i>Spodoptera exempta</i> (Wlk.) (Noctuidae): Airplane-----	Japan-----	-----	1	-----	Hawaii.
<i>Spodoptera mauritia</i> (Bdv.) (Noctuidae): Airplane-----	Japan (?)-----	-----	2	-----	Hawaii.
<i>Alpinia purpurata</i> ----- <i>Anthurium</i> sp.-----	Hawaii----- do-----	1	-----	-----	Hawaii. Hawaii.
<i>Codiaeum variegatum</i> (variegated codiaeum)----- <i>Cordyline</i> sp.-----	do----- do-----	-----	-----	1	Hawaii. Hawaii.
Flowers-----	do-----	1	-----	-----	Hawaii.

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<i>Steneotarsonemus laticeps</i> (Halb.) (Tarsonemidae):					
<i>Narcissus</i> 'Mahmoud'-----	Northern Ireland-----	-----	-----	1	N.J.
<i>Narcissus</i> sp.-----	England, Ireland, Northern Ireland, Scotland.	-----	-----	183	N.J.
<i>Stenodema holsatum</i> (F.) (Miridae):					
<i>Malus</i> sp.-----	Turkey-----	-----	-----	1	D.C.
<i>Stenodema laevigatum</i> (L.) (?) (Miridae):					
<i>Festuca elatior</i> (meadow fescue)-----	Yugoslavia-----	-----	-----	1	D.C.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae):					
<i>Persea americana</i> (avocado)-----	Ecuador, El Salvador, Honduras, Mexico, Panama, Peru.	24	2	1	Calif.,* Fla., La., Tex.
<i>Stenopterus rufus</i> (L.) (Cerambycidae):					
<i>Rosa</i> sp.-----	France-----	1	-----	-----	N.Y.
<i>Stenoptilia stigmatodactyla</i> Zell. (Pterophoridae):					
<i>Gentiana</i> sp.-----	Switzerland-----	1	-----	-----	N.J.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae):					
<i>Coffea</i> sp.-----	Aruba, Belgian Congo, Brazil.	2	-----	1	N.Y., P.R., S.C.
<i>Stephanoderes perkinsi</i> Hopk. (Scolytidae):					
<i>Adenanthra pavonina</i> (sandal beadtrees)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Sternochetus frigidus</i> (F.) (Curculionidae):					
<i>Mangifera indica</i> (mango)-----	Borneo-----	-----	1	-----	Hawaii.
<i>Sternochetus mangiferae</i> (F.) (Curculionidae):					
<i>Mangifera indica</i> (mango)-----	Hawaii, India-----	58	5	-----	Calif.,* Hawaii, Md., Pa., Wash.
<i>Sternochetus olivieri</i> (Fst.) (Curculionidae):					
<i>Mangifera indica</i> (mango)-----	Vietnam-----	1	-----	-----	Hawaii.
<i>Sybra alternans</i> (Wied.) (Cerambycidae):					
Airplane-----	Kwajalein-----	-----	1	-----	Hawaii.
<i>Argyreia nervosa</i> -----	Hawaii-----	1	-----	-----	Hawaii.
Baggage-----	Japan(?)-----	1	-----	-----	Hawaii.
<i>Operculina tuberosa</i> (wood-rose)-----	Hawaii-----	2	-----	-----	Hawaii.
Orchid-----	do-----	1	-----	-----	Hawaii.
Plant material (dried arrangements)-----	do-----	1	-----	-----	Hawaii.
<i>Plumeria</i> sp.-----	do-----	1	-----	-----	Hawaii.
<i>Synyrias diffundens</i> (Wlk.) (Noctuidae):					
Airplane-----	Venezuela-----	-----	1	-----	Fla.
<i>Systole albipennis</i> Walk. (Eurytomidae):					
<i>Coriandrum sativum</i> -----	Germany(?), Morocco-----	2	-----	-----	Calif.*
<i>Systole geniculata</i> Foerster (Eurytomidae):					
<i>Foeniculum</i> sp. (fennel)-----	Italy-----	1	-----	-----	N.Y.
<i>Petroselinum crispum</i> (parsley)-----	Hawaii, Hong Kong-----	-----	-----	2	Hawaii.
<i>Tachardina lobata</i> (Green) (tentative) (Coccidae):					
<i>Michelia</i> sp. (?)-----	Hong Kong-----	-----	-----	1	Hawaii.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)-----	England, Scotland-----	6	-----	-----	Mass., N.Y., Pa., Wash.
<i>Dianthus caryophyllus</i> (carnation)-----	England, Germany, Ireland, Poland, unknown.	5	1	-----	Mass., N.Y., Pa.
<i>Dianthus</i> spp.-----	Germany-----	1	-----	-----	N.Y.
Flowers—assorted-----	Czechoslovakia, Eng- land, Sweden.	4	1	-----	Mass., N.J., N.Y.
<i>Lathyrus</i> sp.-----	England-----	1	-----	-----	Pa.
<i>Pyrethrum</i> sp. (painted daisy)-----	Finland-----	1	-----	-----	N.Y.
<i>Rosa</i> sp.-----	England-----	3	-----	-----	Fla., Mass., N.Y.
<i>Taeniothrips dianthi</i> Pr. (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation)-----	Brazil, Germany-----	1	2	-----	Fla., Mass.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)-----	England, Scotland-----	6	-----	1	Mass., N.J., N.Y., Pa.
<i>Erica australis</i> (southern heath)-----	Portugal-----	-----	-----	1	D.C.
<i>Pyrethrum</i> sp. (painted daisy)-----	Finland-----	1	-----	-----	N.Y.

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<i>Taeniothrips gracilis</i> Mlt. (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation)-----	Japan-----	1	-----	-----	Hawaii.
<i>Lycoris squamigera</i> (autumn lycoris)-----	do-----	-----	-----	3	Calif.,*
<i>Lycoris</i> sp.-----	do-----	-----	-----	3	N.Y.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Blandfordia</i> sp. (Christmas bells)-----	Australia-----	-----	-----	1	Hawaii.
<i>Dianthus caryophyllus</i> (carnation)-----	Japan-----	1	1	-----	Hawaii,
<i>Gardenia augusta</i> -----	Hawaii, Japan-----	25	-----	-----	Wash.
<i>Paeonia</i> sp. (peony)-----	Japan-----	1	-----	-----	Hawaii.
<i>Plumeria</i> sp.-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Rosa</i> sp.-----	Australia, Japan-----	1	1	-----	Hawaii,
<i>Stephanotis</i> sp.-----	Hawaii-----	1	-----	-----	Wash.
<i>Taeniothrips picipes</i> (Zett.) (Thripidae):					Hawaii.
Flowers—assorted-----	England-----	-----	1	-----	N.Y.
<i>Taeniothrips vitticornis</i> (Ky.) (Thripidae):					
<i>Canavalia microcarpa</i> -----	Hawaii-----	1	-----	-----	Hawaii.
" <i>Targionia</i> " <i>bromiliae</i> (Leon.) (Coccidae):					
<i>Ananas comosus</i> (pineapple)-----	Mexico-----	1	-----	-----	Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam)-----	Barbados-----	2	1	-----	Mass.
<i>Zingiber officinale</i> (ginger)-----	do-----	1	-----	-----	Fla.
<i>Teleonemia scrupulosa</i> Stal(?) (Tingidae):					
<i>Lantana camara</i> (common lantana)-----	Hawaii-----	-----	-----	1	Hawaii.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
Orchid-----	Mexico-----	-----	-----	2	Tex.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae):					
Orchid-----	do-----	-----	-----	4	Tex.
<i>Tenthecoris distinctus</i> Hsiao & Sailer (Miridae):					
<i>Lycaste</i> sp. (orchid)-----	Guatemala-----	-----	-----	1	Fla.
<i>Tenthecoris orchidearum</i> (Reuter) (Miridae):					
<i>Cattleya elongata</i> (orchid)-----	Brazil-----	-----	-----	1	Hawaii.
<i>Cattleya</i> sp.-----	do-----	-----	-----	2	Fla.
Orchid-----	Mexico-----	-----	-----	1	Tex.
<i>Tenthecoris vestitus</i> (Dist.) (Miridae):					
Orchid-----	do-----	-----	-----	2	Tex.
<i>Tenuipalpus heveae</i> Baker (Tenuipalpidae):					
<i>Hevea brasiliensis</i> (Para rubber tree)-----	Brazil-----	-----	-----	1	D.C.
<i>Tenuipalpus pacificus</i> Baker (Tenuipalpidae):					
<i>Cymbidium</i> sp. (orchid)-----	Australia-----	-----	-----	1	Hawaii.
<i>Phalaenopsis</i> sp. (orchid)-----	Barbados, Philippines, Singapore-----	-----	-----	3	Fla.,
<i>Spathoglottis affinis</i> (orchid)-----	Singapore-----	-----	-----	1	Hawaii.
<i>Testacella maugei</i> Fer. (Testacellidae):					
<i>Lilium</i> sp. (lily)-----	Portugal-----	-----	-----	1	Mass.
<i>Tetranychus cinnabarinus</i> (Bois.) (Tetranychidae):					
<i>Citrus limon</i> (lemon)-----	Italy-----	1	1	-----	N.Y.
<i>Dianthus caryophyllus</i> (carnation)-----	Israel-----	-----	1	-----	N.Y.
Flowers—assorted-----	Haiti-----	1	-----	-----	N.Y.
Herbs-----	Colombia-----	1	-----	-----	Fla.
<i>Mentha</i> sp. (mint)-----	Cuba-----	-----	-----	1	Fla.
Moss with <i>Passiflora</i> sp. (passionflower)-----	England-----	1	-----	-----	Mass.
<i>Rosa</i> sp.-----	Haiti, Mexico-----	-----	1	1	Fla., Tex.
<i>Tetranychus viennensis</i> Zacker (Tetranychidae):					
<i>Malus sylvestris</i> (apple)-----	Japan-----	1	-----	-----	Hawaii.
<i>Pyrus pyrifolia</i> (sand pear)-----	do-----	1	-----	-----	Hawaii.
<i>Pyrus</i> sp.-----	do-----	-----	1	-----	Hawaii.
<i>Tetrapriocera longicornis</i> (Ol.) (Bostrichidae):					
Airplane-----	Brazil, British West Indies-----	-----	2	-----	Fla., P.R.
Wood (crate)-----	Cuba, Panama-----	3	-----	-----	Fla.
<i>Tettigonia oculata</i> Sign. (Cicadellidae):					
<i>Lactuca sativa</i> (lettuce)-----	Surinam-----	-----	1	-----	Tex.

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<i>Theba pisana</i> (Müller) (Helicidae):					
Baggage	Italy	1			N.Y.
Cargo—general	Morocco, unknown	4			N.Y., Va.
Military cargo	France, Italy, Libya, Morocco, North Africa (country(?)), Turkey.	80			La., N.J., N.Y., S.C., Tex., Va.
<i>Phaseolus vulgaris</i> var. (string bean)	Cuba		1		La.
<i>Spinacia oleracea</i> (spinach)	France		1		N.Y.
Wood (crate)	France, Morocco, North Africa (country(?)).	5			N.J., N.Y., Va.
<i>Thiara balonnensis</i> (Conrad) (Thiaridae):					
<i>Marsilea quadrifolia</i> (?) (aquatic plant)	Australia			1	Calif.*
<i>Thrips angusticeps</i> Uzel (Thripidae):					
<i>Anemone</i> sp.	Malta	2	1		N.Y.
<i>Brassica</i> sp. (mustard)	Italy	1			N.Y.
<i>Chrysanthemum</i> sp.	Greece	1			N.Y.
<i>Dianthus</i> spp.	Germany	1			N.Y.
<i>Lactuca sativa</i> (lettuce)	Morocco		1		Pa.
<i>Ranunculus</i> sp. (buttercup)	Israel	1			N.Y.
<i>Rosa</i> sp.	France	1			N.Y.
<i>Thrips flavus</i> Schrank (Thripidae):					
<i>Calluna vulgaris</i> (heather)	England	1			N.Y.
<i>Chrysanthemum</i> sp.	England, Japan	2			Hawaii, Mass.
Flowers—assorted	England, Sweden	2			Mass.
<i>Pyrethrum</i> sp. (painted daisy)	Finland	1			N.Y.
<i>Rosa</i> sp.	Germany	2			N.Y.
<i>Thrips imaginis</i> Bagn. (Thripidae):					
<i>Centaurea cyanus</i> (cornflower)	Australia	2			Hawaii.
<i>Dianthus caryophyllus</i> (carnation)	do		1		Hawaii.
<i>Hesperis</i> sp.	do	1			Hawaii.
<i>Hydrangea</i> sp.	do	1			Hawaii.
<i>Iris</i> sp.	do	1			Hawaii.
<i>Rosa</i> sp.	do	2	1		Hawaii.
<i>Syringa</i> sp. (lilac)	do	1			Hawaii.
<i>Thrips major</i> Uzel (Thripidae):					
<i>Calluna vulgaris</i> (heather)	England, Scotland	2			N.Y.
<i>Dianthus caryophyllus</i> (carnation)	Poland	1			N.Y.
Flowers—assorted	England, Ireland	3			Mass., N.Y.
<i>Mimosa</i> sp.	France	1			N.Y.
<i>Rosa</i> sp.	Belgium, England, France, Germany.	5		1	Mass., N.J., N.Y.
<i>Salix discolor</i> (pussywillow)	France	1			Ill.
<i>Tischeria complanella</i> Hbn. (Tischeriidae):					
<i>Castanea</i> sp. (chestnut)	Italy		1		Mass.
<i>Toxotrypana curvicauda</i> Gerst. (Tephritidae):					
<i>Carica papaya</i> (papaya)	Mexico	1			Tex.
<i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel)	Greece	1			Ill.
<i>Trialeurodes vitrinellus</i> Ckll. (Aleyrodidae):					
<i>Citrus sinensis</i> (orange)	Mexico	1			Tex.
<i>Citrus</i> sp.	do	3			Tex.
<i>Trioza anceps</i> Tuth. (Psyllidae):					
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Trogoderma glabrum</i> (Hbst.) (Dermestidae):					
Bran	do		1		Tex.
Cellulose	do	2			Tex.
Grain	do		5		Ariz., Tex.
Railway car (loaded with graphite)	do	1			Ariz.
<i>Triticum aestivum</i> (wheat)	do	3	1		Tex.
<i>Trogoderma granarium</i> Everts (Dermestidae):					
<i>Arachis hypogaea</i> (peanut)	Formosa, Nigeria(?), unknown.		4		Mich., N.Y., Ohio.
Bagging	England, Netherlands, Singapore.	6	2		S.C., Tex.
"Bean"	Formosa		1		N.Y.
<i>Cicer arietinum</i> (chickpea)	Greece		1		Tex.
Flour	England		1		Tex.

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<i>Trogoderma granarium</i> Everts (Dermestidae)—Continued					
<i>Lens culinaris</i> (lentils)-----	Egypt-----		3		Tex.
<i>Linum</i> sp. (flax)-----	Afghanistan-----			1	D.C.
<i>Oryza sativa</i> (rice)-----	Australia, Formosa, India, Japan, Pakistan, unknown.	2	13		Ala., Hawaii, La., Md., N.Y., Tex., Wash.
With residue of titanium oxide-----	Unknown-----		1		Ohio.
Stores-----	Australia, Formosa, unknown.		7		Ala., La., Wash.
<i>Triticum durum</i> (durum wheat)-----	Iraq-----			1	D.C.
<i>Trogoderma grassmani</i> Beal (Dermestidae):					
<i>Carthamus tinctorius</i> (safflower)-----	Iran-----			1	D.C.
<i>Trogoderma inclusum</i> LeConte (Dermestidae):					
Railway car-----	Mexico-----		1		Tex.
<i>Trogoderma parabile</i> Beal (Dermestidae):					
<i>Papaver</i> sp. (poppy)-----	Afghanistan-----			1	D.C.
<i>Triticum aestivum</i> (wheat)-----	Mexico-----	2			Tex.
<i>Trogoderma sternale plagifer</i> Csy. (Dermestidae):					
<i>Triticum aestivum</i> (wheat)-----	do-----		1		Ariz.
<i>Trogoxylon prostomoides</i> (Gorh.) (Lyctidae):					
Bamboo-----	do-----	1			Tex.
<i>Tyrophagus infestans</i> (Berl.) (Acaridae):					
<i>Araucaria</i> sp.-----	Italy-----			1	N.Y.
<i>Citrus sinensis</i> (orange)-----	Argentina-----		1		Fla.
<i>Convolvulus</i> sp. (glorybind)-----	Germany-----			1	N.Y.
Herb-----	Italy-----	1			Mass.
Soil with <i>Calluna vulgaris</i> (heather)-----	England-----			1	Mass.
Soil with <i>Solanum tuberosum</i> (potato)-----	Belgium-----		1		Ga.
<i>Ulopa reticulata</i> (F.) (Cicadellidae):					
<i>Calluna vulgaris</i> (heather)-----	Sweden-----			1	N.Y.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)-----	Panama-----		1		Calif.*
<i>C. reticulata</i> (Mandarin orange)-----	Japan-----		1		Calif.*
<i>C. sinensis</i> (orange)-----	Argentina, Brazil, Japan, New Caledonia, Panama.		5		Calif.,* Hawaii, N.Y.
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)-----	Japan-----	2			Hawaii.
<i>C. aurantifolia</i> (sour lime)-----	do-----		3		Calif.,* Hawaii.
<i>C. aurantium</i> (sour orange)-----	do-----	1	21		Calif.*
<i>C. aurantium</i> var.-----	do-----		3		Calif.*
<i>C. grandis</i> (pummelo)-----	do-----	2	1		Calif.,* Hawaii.
<i>C. ichangensis</i> var.-----	do-----		1		Calif.*
<i>C. ichangensis</i> X <i>C. reticulata</i> (ichandarin)-----	do-----		1		Calif.*
<i>C. limon</i> (lemon)-----	do-----	2	8		Calif.,* Hawaii.
<i>C. paradisi</i> (grapefruit)-----	do-----		5		Calif.*
<i>C. reticulata</i> (Mandarin orange)-----	China, Formosa, Japan, Okinawa, Philippines.	27	104		Calif.,* Hawaii, Pa.
<i>C. reticulata</i> var. (King orange)-----	Hong Kong, Japan	11	16		Hawaii.
<i>C. sinensis</i> (orange)-----	Japan, Philippines	8	88		Calif.,* Hawaii, Pa.
<i>Citrus</i> sp.-----	Japan-----		6		Calif.,* Hawaii, Pa.
<i>Valtissius diversus</i> Dist. (Lygaeidae):					
Bromeliad-----	Panama-----			1	Fla.
<i>Verina supplicella</i> (Dyar) (Phycitidae):					
Leaves (packing with fruit)-----	Guatemala-----	1			Ala.
<i>Veronicella sloani schivelyae</i> Pilsbry (Veronicellidae):					
Orchid-----	Jamaica-----			1	Fla.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Anthurium</i> sp.	Jamaica, Trinidad	2			Fla.
<i>Brassia gireoudiana</i> (orchid)	Canal Zone			1	Fla.
<i>Brassia</i> sp.	do			2	Fla.
<i>Broughtonia</i> sp. (orchid)	Jamaica			9	Fla.
<i>Catasetum pileatum</i> (?) (orchid)	Venezuela			1	N.J.
<i>Cattleya</i> sp. (orchid)	Antigua, Canal Zone			2	Fla.
<i>Coffea</i> sp.	Panama			1	P.R.
<i>Epidendrum ciliare</i> (orchid)	Trinidad			1	Fla.
<i>Epidendrum</i> spp.	Antigua, Canal Zone, Panama.			4	Fla., P.R.
<i>Heliconia</i> sp.	Haiti	2			Fla.
<i>Laurus nobilis</i> (Grecian laurel)	Bahamas, Barbados	2			Fla., Mass.
<i>Oncidium</i> sp. (orchid)	British Honduras, Dominican Republic, Surinam.			3	Fla.
Orchid	Bahamas, British Guiana, British Honduras, Canal Zone, Costa Rica, Dominican Republic, Jamaica, Kenya, Panama, Puerto Rico, Venezuela. Jamaica, Trinidad			17	Fla., P.R.
<i>Phalaenopsis</i> sp. (orchid)				2	Fla.
<i>Xeroleuca mographina</i> (Morelet) (Heliccllidae):					
Military cargo	Morocco	1			La.
<i>Xestolabus corvinus</i> (Gyll.) (Curculionidae):					
Bromeliad	Canal Zone			1	Calif.*
<i>Xiphidiopsis lita</i> Heb. (Tettigoniidae):					
<i>Anthurium</i> sp.	Hawaii	2			Hawaii.
<i>Codiaeum</i> sp.	do	1			Hawaii.
<i>Cordyline terminalis</i> (ti)	do	1			Hawaii.
<i>Lycopodium</i> sp. (clubmoss)	do	1			Hawaii.
Orchid	do	1			Hawaii.
<i>Vanda joaquimiae</i> (orchid)	do	1			Hawaii.
<i>Xyloperthella crinitarsis</i> (Imh.) (Bostrichidae):					
<i>Khaya</i> sp. (mahogany)	Liberia	1			Md.
<i>Zeadiatraea lineolata</i> (Wlk.) (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane)	Bahamas		1		Fla.
<i>Zonitoides arboreus</i> (Say) (Zonitidae):					
Orchid	Costa Rica, Honduras, Mexico.			6	Calif.,* Tex.
Plants—unidentified	Japan		1		N.C.
Soil with fern roots	Portugal			1	Fla.
<i>Yucca</i> sp.	Mexico			1	Cal f.

Hosts and Insects

- ACER:
Aceria macrochelus (Acarina)
A. macrorhynus (Acarina)
- ACHRAS:
Anastrepha serpentina (Diptera)
Chrysomphalus personatus (Homoptera)
- ADENANTHERA:
Stephanoderes perkinsi (Coleoptera)
- AGAPANTHUS:
Iridomyrmex pilifer (Hymenoptera)
- AGAVE:
Batrachedra linaria (Lepidoptera)
Chrysomphalus agavis (Homoptera)
Gymnococcus agavium (Homoptera)
- ALLIUM CEPA:
Aceria tulipae (Acarina)
Lygaeus albo-ornatus (Hemiptera)
Myzus ascalonicus (Homoptera)
- ALLIUM PORRUM:
Acrolepia assectella (Lepidoptera)
Helix aspersa (Mollusca)
- ALLIUM SATIVUM:
Brachycerus albidentatus (Coleoptera)
B. algirus (Coleoptera)
Monomorium destructor (Hymenoptera)
- ALLIUM SP.:
Bradybaena similis (Mollusca)
- ALLOTHEROPSIS:
Chirothrips pretorianus (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
- ALPINIA:
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Pulvinaria psidii (Homoptera)
Spodoptera mauritia (Lepidoptera)
- ALYXIA:
Ceroplastes rubens (Homoptera)
Coccus viridis (Homoptera)
Pinnaspis uniloba (Homoptera)
- AMARYLLIS:
Selenothrips rubrocinctus (Thysanoptera)
- ANANAS:
Pheidole megacephala (Hymenoptera)
Platynota rostrana (Lepidoptera)
Ribua innoxia (Lepidoptera)
"Targionia" bromiliae (Homoptera)
- ANEMONE:
Thrips angusticeps (Thysanoptera)
- ANNONA:
Bephrata maculicollis (Hymenoptera)
Cerconota anonella (Lepidoptera)
Ctenoglyphus canestrinii (Acarina)
Pseudococcus lilacinus (Homoptera)
- ANSELLIA:
Monomorium destructor (Hymenoptera)
Myzus anselliae (Homoptera)
- ANTHISTIRIA:
Agrostothrips guillarmodi (Thysanoptera)
- ANTHURIUM:
Bradybaena similis (Mollusca)
Ceroplastes rubens (Homoptera)
Chrysomphalus reniformis
(tentative) (Homoptera)
Conoderus exsul (Coleoptera)
Geotomus pygmaeus (Hemiptera)
Iridomyrmex pilifer (Hymenoptera)
Myrmecophila americana (Orthoptera)
Pinnaspis buxi (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)
Spodoptera mauritia (Lepidoptera)
Vinsonia stellifera (Homoptera)
Xiphidiopsis lita (Orthoptera)
- ANTHIRRHINUM:
Haplothrips gowdeyi (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
- APIUM:
Arion hortensis (Mollusca)
Euleia heraclei (Diptera)
- APONOGETON:
Monomorium destructor (Hymenoptera)
- ARACEAE:
Hercinothrips bicinctus (Thysanoptera)
- ARACHIS:
Caryedon fuscus (Coleoptera)
Trogoderma granarium (Coleoptera)
- ARAUCARIA:
Laspeyresia araucaria (?) (Lepidoptera)
Tyrophagus infestans (Acarina)
- ARBUTUS:
Acanthosoma haemorrhoidale (Hemiptera)
- ARECA:
Chrysomphalus propeus (Homoptera)
- ARGYREIA:
Sybra alternans (Coleoptera)
- ARMORACIA:
Baris lepidii (Coleoptera)
- ARTOCARPUS:
Aspidiotus destructor (Homoptera)
- ASTER:
Haplothrips clarisetis (?) (Thysanoptera)
- AVERRHOA:
Monomorium destructor (Hymenoptera)
- BAMBOO:
Antonina bambusae (Homoptera)
Asterolecanium bambusae (Homoptera)
Minthea rugicollis (Coleoptera)
Odonaspis greenii (Homoptera)
Trogoxylon prostomoides (Coleoptera)
- BAMBUSA:
Odonaspis lobulatus (Homoptera)
- BAUHINIA:
Gibbrobruchus speculifer (Coleoptera)
- BEGONIA:
Limothrips denticornis (Thysanoptera)
- BETA:
Gnorimoschema ocellatella (Lepidoptera)
- BETULA:
Chionaspis salicis (Homoptera)
- BIXA:
Acanthoscelides bixae (Coleoptera)
- BLANDFORDIA:
Taeniothrips hawaiiensis (Thysanoptera)
- BLIGHIA:
Monomorium destructor (Hymenoptera)
- BOERLAGIODENDRON:
Pulvinaria psidii (Homoptera)
- BOUGAINVILLEA:
Haplothrips gowdeyi (Thysanoptera)
- BRASSAVOLA:
Furcaspis bififormis (Homoptera)
Pseudischnaspis alienus (Homoptera)
- BRASSIA:
Asterolecanium epidendri (Homoptera)
Vinsonia stellifera (Homoptera)
- BRASSICA CHINENSIS:
Cicadella viridis (Homoptera)
Lophothetes hirsutus (Coleoptera)
Psylliodes punctifrons (Coleoptera)
- BRASSICA OLERACEA BOTRYTIS:
Deroceras reticulatum (Mollusca)
Phytomyza rufipes (Diptera)
- BRASSICA OLERACEA BULLATA:
Deroceras reticulatum (Mollusca)
Phytomyza rufipes (Diptera)
- BRASSICA OLERACEA CAPITATA:
Arion circumscriptus (Mollusca)
A. hortensis (Mollusca)
Deroceras reticulatum (Mollusca)
Euborellia stali (Dermaptera)
Evergestis forficalis (Lepidoptera)
Eysarcoris guttiger (Hemiptera)
Helicella maritima (Mollusca)
Limax maximus (Mollusca)
Mamestra brassicae (Lepidoptera)
Milax gagates (Mollusca)
Nysius raphanus (Hemiptera)
Phytomyza rufipes (Diptera)
- BRASSICA RAPA:
Bradybaena similis (Mollusca)
Hellula undalis (Lepidoptera)
- BRASSICA SP.:
Thrips angusticeps (Thysanoptera)
- BROMELIA:
Acalymma trivittata (Coleoptera)
Althos obscurus (Hemiptera)
Dysdercus mimulus (Hemiptera)
Ribua innoxia (Lepidoptera)

Hosts and Insects—Continued

BROMELIAD:

Althos obscurus (Hemiptera)
Capaneus tetricus (Hemiptera)
Cryphula apicatus (Hemiptera)
Deroceras reticulatum (Mollusca)
Furcaspis biformis (Homoptera)
Galgupha punctifer (Hemiptera)
Iridomyrmex iniquus (Hymenoptera)
Phelypera distigma (Coleoptera)
Pyrgocorypha sallei (Orthoptera)
Valtissius diversus (Hemiptera)
Xestolabus corvinus (Coleoptera)

BROUGHTONIA:

Asterolecanium epidendri (Homoptera)
Vinsonia stellifera (Homoptera)

BROWNEA:

Dercynus micronyx (Coleoptera)

BULBOPHYLLUM:

Asterolecanium epidendri (Homoptera)

BUXUS:

Aspidiotus britannicus (Homoptera)
Eriophyes canestrinii (Acarina)

CABOMBA:

Pheidole megacephala (Hymenoptera)

CACTUS:

Cecilioides acicula (Mollusca)
Dactylopius confusus (Homoptera)
Hesperolabops gelastops (Hemiptera)
Lepidosaphes philococcus (Homoptera)

CAESALPINIA:

Mimosestes dominicanus (Coleoptera)

CAJANUS:

Ancylostomia stercorea (Lepidoptera)
Doru albipes (Dermaptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Neodryocoetes guianae (Coleoptera)

CALADIUM:

Helix aspersa (Mollusca)

CALLUNA:

Acalypta parvula (Hemiptera)
Kleidocerys ericae(?) (Hemiptera)
Limothrips denticornis (Thysanoptera)
Micrelus ericae (Coleoptera)
Myrmedobia distinguenda (Hemiptera)
Taeniothrips atratus (Thysanoptera)
T. ericae (Thysanoptera)
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)
Ulopa reticulata (Homoptera)

CALOCARPUM:

Anastrepha ludens (Diptera)

CALOPHYLLUM:

Ceratitis capitata(?) (Diptera)

CAMELLIA:

Aspidiotus degeneratus (Homoptera)
Chrysomphalus setiger(?) (Homoptera)
Helix aspersa (Mollusca)
Pulvinaria floccifera (Homoptera)
Sciocoris cursitans(?) (Hemiptera)

CANAVALLIA:

Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Taeniothrips vitticornis (Thysanoptera)

CANNABIS:

Helicella maritima (Mollusca)

CAPISCUM:

Deroceras reticulatum (Mollusca)
Gnorimoschema gudmannella (Lepidoptera)
Platynota rostrana (Lepidoptera)
Pulvinaria urbicola (Homoptera)
Pyrausta nubilalis (Lepidoptera)

CARAPA:

Hypsipyla ferrealis (Lepidoptera)

CARICA:

Aconophora sinanjensis (Homoptera)
Brevipalpus phoenicis (Acarina)
Dacus dorsalis (Diptera)
Toxotrypana curvicauda (Diptera)

CARTHAMUS:

Orellia punctata (Diptera)
Trogoderma grassmani (Coleoptera)

CASSIA:

Aganactesis indecora (Lepidoptera)
Caryedon fuscus (Coleoptera)
Ectomyelois muricis (Lepidoptera)

CASTANEA:

Curculio elephas (Coleoptera)
C. nucum (Coleoptera)
Laspeyresia splendana (Lepidoptera)
Tischeria complanella (Lepidoptera)

CATASETUM (?):

Vinsonia stellifera (Homoptera)

CATTLEA:

Asterolecanium epidendri (Homoptera)
Conchaspis orchidarum (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Furcaspis biformis (Homoptera)
Pseudischaspis alienus (Homoptera)
Tenthecoris orchidearum (Hemiptera)
Vinsonia stellifera (Homoptera)

CEDRUS:

Megastigmus suspectus pinsapinis (Hymenoptera)

CENTAUREA:

Haplothrips gowdeyi (Thysanoptera)
Thrips imaginis (Thysanoptera)

CEPHALOCEREUS:

Eremberga insignis (Lepidoptera)

CERATONIA:

Ectomyelois ceratoniae (Lepidoptera)

CHAENOMELES:

Lepidosaphes conchiformis (Homoptera)

CHAMAECYPARIS:

Diaspis minima (Homoptera)
Orsillus depressus (Homoptera)

CHAMAEDOREA:

Chelysoma variabilis (Hemiptera)
Chrysomphalus sphaerioides (Homoptera)
Coelonertus nigrirostris (Coleoptera)
Ferrisia virgata (Homoptera)
Metamasius hemipterus sericeus (Coleoptera)
Parisoschenus expositus (Coleoptera)
P. flavolimbatus (Coleoptera)

CHAMAEROPS:

Dactylotrypes uytenboogaarti (Coleoptera)

CHLOROPHYTUM:

Aspidiotus excisus (Homoptera)
A. palmae (Homoptera)

CHRYSANTHEMUM:

Acalymma trivittata (Coleoptera)
Bryobia ehari (Acarina)
Coccus viridis (Homoptera)
Conotelus mexicanus (Coleoptera)
Frankliniella formosae (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Lecanium corni (Homoptera)
Nysius raphanus (Hemiptera)
Thrips angusticeps (Thysanoptera)
T. flavus (Thysanoptera)

CHRYSOPOGON:

Agrostothrips guillarmodi (Thysanoptera)

CICER:

Trogoderma granarium (Coleoptera)

CICHORIUM:

Phytomyza rufipes (Diptera)

CISSUS:

Ferrisia virgata (Homoptera)

CITRUS AURANTIFOLIA:

Anastrepha ludens (Diptera)
Brevipalpus phoenicis (Acarina)
Chrysomphalus personatus (Homoptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)

CITRUS AURANTIUM:

Unaspis yanonensis (Homoptera)

CITRUS AURANTIUM VAR.:

Unaspis yanonensis (Homoptera)

CITRUS GRANDIS:

Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
Leucaspis cockerelli (Homoptera)
Morganella longispina (Homoptera)
Parlatoria zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS GRANDIS VAR. SARAWAK:

Morganella longispina (Homoptera)

Hosts and Insects—Continued

CITRUS ICHANGENSIS VAR:

Unaspis yanonensis (Homoptera)

CITRUS ICHANGENSIS X C. RETICULATA:

Unaspis yanonensis (Homoptera)

CITRUS LIMON:

Aleurocanthus woglumi (Homoptera)*Brevipalpus phoenicis* (Acarina)*Cryptoblabes gnidiella* (Lepidoptera)*Helix aspersa* (Mollusca)*Leucaspis cockerelli* (Homoptera)*Parlatoria cinerea* (Homoptera)*P. zizyphus* (Homoptera)*Pseudaonidia trilobitiformis* (Homoptera)*Petranychus cinnabarinus* (Acarina)*Unaspis yanonensis* (Homoptera)

CITRUS LIMON VAR. PONDEROSA:

Anastrepha ludens (Diptera)

CITRUS PARADISI:

Anastrepha ludens (Diptera)*Ceratitis capitata* (Diptera)*Chrysomphalus pinnulifer* (Homoptera)*Cryptophlebia leucotreta* (Lepidoptera)*Fiorinia theae* (Homoptera)*Leucaspis cockerelli* (Homoptera)*Parlatoria cinerea* (Homoptera)*P. zizyphus* (Homoptera)*Unaspis yanonensis* (Homoptera)

CITRUS RETICULATA:

Aonidiella citrina (Homoptera)*Ceratitis capitata* (Diptera)*Cryptophlebia leucotreta* (Lepidoptera)*Fiorinia theae* (Homoptera)*Morganella longispina* (Homoptera)*Parlatoria cinerea* (Homoptera)*P. zizyphus* (Homoptera)*Platynota rostrana* (Lepidoptera)*Unaspis citri* (Homoptera)*U. yanonensis* (Homoptera)

CITRUS RETICULATA VAR:

Parlatoria zizyphus (Homoptera)*Pseudaonida trilobitiformis* (Homoptera)*Unaspis yanonensis* (Homoptera)

CITRUS SINENSIS:

Aleurocanthus woglumi (Homoptera)*Aleurothrixus floccosus* (Homoptera)*Anastrepha ludens* (Diptera)*Aonidiella citrina* (Homoptera)*Brevipalpus phoenicis* (Acarina)*Ceratitis capitata* (Diptera)*Chrysomphalus personatus* (Homoptera)*Coccus viridis* (Homoptera)*Cryptoblabes gnidiella* (Lepidoptera)*Cryptophlebia leucotreta* (Lepidoptera)*Dialeurodes kirkaldyi* (Homoptera)*Ectomyelois ceratoniae* (Lepidoptera)*Helix aspersa* (Mollusca)*Iridomyrmex humilis* (Hymenoptera)*Leucaspis cockerelli* (Homoptera)*Parlatoria cinerea* (Homoptera)*P. zizyphus* (Homoptera)*Trialeurodes citrinellus* (Homoptera)*Tyrophagus infestans* (Acarina)*Unaspis citri* (Homoptera)*U. yanonensis* (Homoptera)

CITRUS SP.:

Aleurocanthus woglumi (Homoptera)*Aonidiella citrina* (Homoptera)*Dialeurodes citrifolii* (Homoptera)*Helix aspersa* (Mollusca)*Morganella longispina* (Homoptera)*Orchamoplatus citri* (Homoptera)*Orthezia pseudosignis* (Homoptera)*Parlatoria zizyphus* (Homoptera)*Trialeurodes vitrinellus* (Homoptera)*Unaspis yanonensis* (Homoptera)

CLEYERA(?):

Dialeurodes tristylis (Homoptera)

COCCOLOBA:

Perkinsiella saccharicida (Homoptera)

COCOS:

Agonoxena pyrogramma (Lepidoptera)*Aonidiella inornata* (Homoptera)*Aspidiotus destructor* (Homoptera)*Diocalandra taitensis* (Coleoptera)*Furcaspis oceanica* (Homoptera)*Lepidosaphes esakii* (Homoptera)*Pheidole megacephala* (Hymenoptera)*Pseudococcus palmarum* (Homoptera)

CODIAEUM:

Bradybaena similis (Mollusca)*Lepisodaphes tokionis* (Homoptera)*Orchamoplatus mammaeferus* (Homoptera)*Orocharis vaginalis* (Orthoptera)*Parlatoria crotonis* (Homoptera)*Protopulvinaria longivalvata* (Homoptera)*Pseudaonidia trilobitiformis* (Homoptera)*Selenothrips rubrocinctus* (Thysanoptera)*Spodoptera mauritia* (Lepidoptera)*Xiphidiopsis lita* (Orthoptera)

COELOGYNE:

Asterolecanium epidendri (Homoptera)

COFFEA:

Aleuroparadoxus gardeniae (Homoptera)*Ceratitis capitata* (Diptera)*Coccus viridis* (Homoptera)*Dacus dorsalis* (Diptera)*Leucoptera coffeella* (Hymenoptera)*Pseudaonidia trilobitiformis* (Homoptera)*Stephanoderes hampei* (Coleoptera)*Vinsonia stellifera* (Homoptera)

COLOCASIA:

Lamellaxis gracilis juncea (Mollusca):

CONVALLARIA:

Limothrips denticornis (Thysanoptera)

CONVOLVULUS:

Tyrophagus infestans (Acarina)

CORDYLINE:

Bradybaena similis (Mollusca)*Deroceras reticulatum* (Mollusca)*Pinnaspis buxi* (Homoptera)*Plusia chalcites* (Lepidoptera)*Spodoptera mauritia* (Lepidoptera)*Xiphidiopsis lita* (Orthoptera)

CORIANDRUM:

Systole albipennis (Hymenoptera)

CORYLUS:

Curculio nucum (Coleoptera)

CUCUMIS:

Dacus cucurbitae (Diptera)*Dysdercus mimulus* (Hemiptera)*Ligyrocoris aurivilliana* (Hemiptera)*Nysius raphanus* (Hemiptera)

CUCURBITA:

Conotelus mexicanus (Coleoptera)

CYCAD:

Chrysomphalus tricuspidis (Homoptera)

CYCAS:

Aonidiella inornata (Homoptera)

CYCNOCHES:

Eucactophagus aurocinctus (Coleoptera)

CYDONIA:

Anastrepha ludens (Diptera)*Ceratitis capitata* (Diptera)*Ectomyelois ceratoniae* (Lepidoptera)

CYMBIDIUM:

Lepidosaphes tuberculata (Homoptera)*Tenuipalpus pacificus* (Acarina)

CYNARA:

Anuraphis cardui (Homoptera)*Apion carduorum* (Coleoptera)*Eurydema ornatum* (Hemiptera)*Philaenus leucophthalmus* (Homoptera)*Pseudochelidura sinuata* (Dermaptera)

DAHLIA:

Franklinella formosae (Thysanoptera)*Pentarthrum huttoni* (Coleoptera)

DEGENERIA:

Dacus passiflorae (Diptera)

DELPHINIUM:

Iridomyrmex keiteli subfasciatus (Hymenoptera)

DENDROBIUM:

Diaxenes dendrobii(?) (Coleoptera)*Furcaspis bififormis* (Homoptera)*Pheidole megacephala* (Hymenoptera)

DIANTHUS:

Arion ater (Mollusca)*A. circumscriptus* (Mollusca)*Frankliniella formosae* (Thysanoptera)*F. intonsa* (Thysanoptera)*F. schultzei* (Thysanoptera)

Hosts and Insects—Continued

DIANTHUS—Continued

- Haplothrips cottei* (Thysanoptera)
- H. gowdeyi* (Thysanoptera)
- Iridomyrmex humilis* (Hymenoptera)
- Isoneurothrips australis* (Thysanoptera)
- Oxychilus cellarius* (Mollusca)
- Pseudanaphothrips achaetus* (?) (Thysanoptera)
- Rhyparochromus alboacuminatus* (Hemiptera)
- Taeniothrips atratus* (Thysanoptera)
- T. dianthi* (Thysanoptera)
- T. gracilis* (Thysanoptera)
- T. hawaiiensis* (Thysanoptera)
- Tetranychus cinnabarinus* (Acarina)
- Thrips angusticeps* (Thysanoptera)
- T. imaginis* (Thysanoptera)
- T. major* (Thysanoptera)

DICTYOSPERMA:

- Leucaspis cockerelli* (Homoptera)
- Pinnaspis buxi* (Homoptera)

DIOON:

- Chrysomphalus tricuspidis* (Homoptera)
- Ligyrocoris aurivilliana* (Hemiptera)

DIOSCOREA:

- Metioche vittaticollis* (Orthoptera)
- Monomorium destructor* (Hymenoptera)
- Palaeopus costicollis* (Coleoptera)
- Pseudococcus citricus* (Homoptera)
- "*Targionia*" *hartii* (Homoptera)

DIOSPYROS:

- Chrysomphalus sphaerioides* (Homoptera)
- Lepidosaphes conchiformis* (tentative) (Homoptera)
- Parlatoria oleae* (Homoptera)

DRACAENA:

- Pinnaspis buxi* (Homoptera)

ECHEVERIA:

- Niveaspis vulcanicus* (tentative) (Homoptera)

ECHINOCHLOA:

- Chirothrips pretorianus* (Thysanoptera)

ENTEROLOBIUM:

- Ectomyelois muricis* (Lepidoptera)

EPIDENDRUM:

- Asterolecanium epidendri* (Homoptera)
- Chrysomphalus nigropunctatus* (Homoptera)
- C. umboniferus* (Homoptera)
- Furcaspis bififormis* (Homoptera)
- Geotomus spinolai* (Hemiptera)
- Iridomyrmex iniquus* (Hymenoptera)
- Pseudischnaspis alienus* (Homoptera)
- Puto ulter* (Homoptera)
- Vinsonia stellifera* (Homoptera)

ERAGROSTIS:

- Chirothrips egregius* (Thysanoptera)
- C. pretorianus* (Thysanoptera)

ERICA:

- Megalonotus chiragra* (Hemiptera)
- Taeniothrips ericae* (Thysanoptera)

ERIOBOTRYA:

- Ceratitis capitata* (Diptera)
- Ephestia calidella* (Lepidoptera)

ERYNGIUM:

- Protopulvinaria longivalvata* (Homoptera)

EUCALYPTUS:

- Platysectra analis* (Hymenoptera)

EUONYMUS:

- Coccus africanus* (Homoptera)

EUPHORBIA:

- Coccus viridis* (Homoptera)
- Haplothrips gowdeyi* (Thysanoptera)

EUPHORIA:

- Fiorinia nephelii* (Homoptera)

FAGUS:

- Limothrips denticornis* (Thysanoptera)

FESTUCA:

- Stenodema laevigatum* (?) (Hemiptera)

FICUS:

- Ceratitis capitata* (Diptera)
- Ceroplastes rusci* (Homoptera)
- Ephestia calidella* (Lepidoptera)
- Homotoma ficus* (Homoptera)
- Lepidosaphes ficus* (Homoptera)
- Pulvinaria psidii* (Homoptera)

FINGERHUTHIA:

- Chirothrips pretorianus* (Thysanoptera)

FOENICULUM:

- Haplothrips gowdeyi* (Thysanoptera)
- Systole geniculata* (Hymenoptera)

FRAGARIA:

- Helicella maritima* (Mollusca)

FREESIA:

- Haplothrips gowdeyi* (Thysanoptera)

GALANTHUS:

- Helix figulina* (Mollusca)

GARDENIA:

- Ceroplastes rubens* (Homoptera)
- Coccus viridis* (Homoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Pealius hibisci* (Homoptera)
- Protopulvinaria pyriformis* (Homoptera)
- Pseudaonidia clavigera* (Homoptera)
- Pulvinaria psidii* (Homoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

GENTIANA:

- Phytomyza gentianae* (?) (Diptera)
- Stenoptilia stigmatodactyla* (Lepidoptera)

GLADIOLUS:

- Deroceras reticulatum* (Mollusca)
- Frankliniella formosae* (Thysanoptera)
- Haplothrips aculeatus* (Thysanoptera)
- Iridomyrmex humilis* (Hymenoptera)

GLIRICIDIA:

- Coccus viridis* (Homoptera)

GOSSYPIUM:

- Earias insulana* (?) (Lepidoptera)
- Nysius raphanus* (Hemiptera)
- Pectinophora gossypiella* (Lepidoptera)
- P. scutigera* (Lepidoptera)
- Reticulitermes flavipes* (Isoptera)

HARPECHLOA:

- Agrostothrips guillarmodi* (Thysanoptera)

HEDERA:

- Aspidiotus hedericola* (Homoptera)
- Filippia viburni* (Homoptera)

HEDERA(?):

- Aspidiotus palmae* (Homoptera)

HELICONIA:

- Bradybaena similis* (Mollusca)
- Pheidole megacephala* (Hymenoptera)
- Pinnaspis buxi* (Homoptera)
- Vinsonia stellifera* (Homoptera)

HESPERIS:

- Thrips imaginis* (Thysanoptera)

HEVEA:

- Tenuipalpus heveae* (Acarina)

HIBISCUS:

- Ferrisia virgata* (Homoptera)
- Iridomyrmex humilis* (Hymenoptera)
- Metamasius hemipterus sericeus* (Coleoptera)
- Pectinophora gossypiella* (Lepidoptera)
- Pheidole megacephala* (Hymenoptera)
- Siphanta acuta* (Homoptera)

HOLOCALYX:

- Pseudischnaspis linearis* (Homoptera)

HYDRANGEA:

- Thrips imaginis* (Thysanoptera)

HYMENAEA:

- Ectomyelois muricis* (Lepidoptera)

HYPARRHENIA:

- Agrostothrips guillarmodi* (Thysanoptera)
- Chirothrips hoodi* (Thysanoptera)

IPOMOEA:

- Alcidodes dentipes* (Coleoptera)
- Cryphalomorphus jalappae* (Coleoptera)
- Cylas formicarius* var. (Coleoptera)
- C. formicarius elegantulus* (Coleoptera)
- C. formicarius formicarius* (Coleoptera)
- Deroceras reticulatum* (Mollusca)
- Euscepes postfasciatus* (Coleoptera)
- Palaeopus costicollis* (Coleoptera)

IRIS:

- Anuraphis tulipae* (Homoptera)
- Thrips imaginis* (Thysanoptera)

IXORA:

- Pulvinaria psidii* (Homoptera)

JASMINUM:

- Aleurotuberculatus jasmini* (Homoptera)
- Dialeurodes kirkaldyi* (Homoptera)
- Palpita unionalis* (Lepidoptera)

Hosts and Insects—Continued

JUGLANS:

- Arion ater* (Mollusca)
A. hortensis (Mollusca)
Ectomyelois ceratoniae (Lepidoptera)
Euzophera bigella (?) (Lepidoptera)

JUNCUS:

- Nipponaclerda biwakoensis* (Homoptera)

JUNIPERUS:

- Oligonychus perditus* (Acarina)
Pentamerismus oregonensis (Acarina)

KHAYA:

- Heterobostrychus aequalis* (Coleoptera)
Xyloperthella crinitarsis (Coleoptera)

LACTUCA:

- Andrector atrofasciata* (Coleoptera)
Arion hortensis (Mollusca)
Deroceras reticulatum (Mollusca)
Dicyphus annulatus (Hemiptera)
Hellicella caperata (Mollusca)
H. itala (Mollusca)
Iridomyrmex humilis (Hymenoptera)
Myzus ascalonicus (Homoptera)
Raphogaster nebulosa (Hemiptera)
Tettigonia oculata (Homoptera)
Thrips angusticeps (Thysanoptera)

LAELIA:

- Pseudischnaspis alienus* (Homoptera)

LAGERSTROEMIA:

- Dialeurodes kirkaldyi* (Homoptera)

LANSIUM:

- Pseudococcus lilacinus* (Homoptera)

LANTANA:

- Teleonemia scrupulosa* (?) (Hemiptera)

LATHYRUS:

- Iridomyrmex humilis* (Hymenoptera)
Taeniothrips atratus (Thysanoptera)

LAURUS:

- Aspidiotus degeneratus* (Homoptera)
Trialeurodes lauri (Homoptera)
Vinsonia stellifera (Homoptera)

LAVANDULA:

- Frankliniella intonsa* (Thysanoptera)

LEGUME:

- Caryedon fuscus* (Coleoptera)
Ectomyelois decolor (Lepidoptera)

LENS:

- Trogoderma granarium* (Coleoptera)

LEUCAENA:

- Araecerus levipennis* (Coleoptera)
Pheidole megacephala (Hymenoptera)

LIGUSTRUM:

- Palomena angulosa* (Hemiptera)

LILIACEAE:

- Frankliniella formosae* (Thysanoptera)

LILIUM:

- Bradybaena similis* (Mollusca)
Iridomyrmex humilis (Hymenoptera)
Monomorium destructor (Hymenoptera)
Pheidole megacephala (Hymenoptera)
Sitona lineata (Coleoptera)
Testacella maugei (Mollusca)

LINUM:

- Trogoderma granarium* (Coleoptera)

LITCHI:

- Brevipalpus phoenicis* (Acarina)
Cryptophlebia illepidia (Lepidoptera)
Pulvinaria psidii (Homoptera)

LYCASTE:

- Tenthetocoris distinctus* (Hemiptera)

LYCOPERSICON:

- Conotelus mexicanus* (Coleoptera)
Dacus cucurbitae (Diptera)
Gnorimoschema plaesiosema (Lepidoptera)
Neoleucinodes elegantalis (Lepidoptera)
Psylla minuticonica (?) (Homoptera)

LYCOPODIUM:

- Xiphidiopsis lita* (Orthoptera)

LYCORIS:

- Bradybaena similis* (?) (Mollusca)
Iridomyrmex humilis (Hymenoptera)
Taeniothrips gracilis (Thysanoptera)

MALUS:

- Adoxophyes orana* (Lepidoptera)
Carpocapsa niponensis (Lepidoptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Ectomyelois ceratoniae (Lepidoptera)
Grapholitha janthiana (Lepidoptera)
Stenodema holsatum (Hemiptera)
Tetranychus viennensis (Acarina)

MAMMILLARIA:

- Puto mexicanus* (Homoptera)

MANGIFERA:

- Anastepha ludens* (Diptera)
A. mombinpraeoptans (Diptera)
Aulacaspis mangiferae (Homoptera)
Chrysomphalus personatus (Homoptera)
Dacus dorsalis (Diptera)
Pentalonia nigronervosa (Homoptera)
Pseudischnaspis longissima (Homoptera)
Sternochetus frigidus (Coleoptera)
S. mangiferae (Coleoptera)
S. olivieri (Coleoptera)

MARSILEA(?):

- Melanoides tuberculata* (Mollusca)
Thiara balonnensis (Mollusca)

MASDEVALLIA:

- Aonidiella inornata* (Homoptera)
Chrysomphalus umboniferus (Homoptera)

MATTHIOLA:

- Nysius raphanus* (Hemiptera)

MELASTOMA:

- Dacus pedestris* (Diptera)
Pulvinaria psidii (Homoptera)
Sipylus dilatatus (Homoptera)

MENTHA:

- Chrysomphalus propeus* (Homoptera)
Haplothrips gowdeyi (Thysanoptera)
Hellicella itala (Mollusca)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Tetranychus cinnabarinus (Acarina)

MICHELIA(?):

- Tachardina lobata* (tentative) (Homoptera)

MIMOSA:

- Thrips major* (Thysanoptera)

MUCUNA:

- Pseudonidia trilobitiformis* (Homoptera)

MURRAYA(?):

- Protopulvinaria pyriformis* (Homoptera)
Pulvinaria psidii (Homoptera)

MUSA:

- Bradybaena similis* (Mollusca)
Cosmopolites sordidus (Coleoptera)
Dacus dorsalis (Diptera)
Epilachna paenulata (Coleoptera)
Euglandina striata (Mollusca)
Heraeus eximus (Hemiptera)
Metamasius hemipterus hemipterus (Coleoptera)
M. hemipterus sericeus (Coleoptera)
Pentalonia nigronervosa (Homoptera)
Platynota rostrana (Lepidoptera)
Porphyrobaphe isotoma (Mollusca)
Solaropsis monile (Mollusca)

MYRISTICA:

- Chrysomphalus personatus* (Homoptera)

MYRTUS:

- Pseudococcus citricus* (Homoptera)

NARCISSUS:

- Steneotarsonemus laticeps* (Acarina)

NEOMOOREA:

- Pinnaspis buxi* (Homoptera)

NOLINA:

- Opuntiaspis carinata* (Homoptera)
Pseudococcus cualatensis (Homoptera)

NOTHOPANAX:

- Coccus viridis* (Homoptera)
Pheidole megacephala (Hymenoptera)

OLEA:

- Dacus oleae* (Diptera)
Filippia oleae (?) (Homoptera)
Leucaspis riccae (Homoptera)
Parlatoria oleae (Homoptera)
Pollinia pollini (Homoptera)
Prays oleellus (Lepidoptera)

Hosts and Insects—Continued

ONCIDIUM:

Asterolecanium epidendri (Homoptera)
Farinococcus guatemalensis (Homoptera)
Furcaspis biformis (Homoptera)
Mecolaemus carvalhoi (Hemiptera)
Pseudischnaspis alienus (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Vinsonia stellifera (Homoptera)

OPERCULINA:

Megacerus alternatus (Coleoptera)
Sybra alternans (Coleoptera)

OPUNTIA:

Ceratitis capitata (Diptera)
Hesperolabops gelastops (Hemiptera)

ORCHID:

Aleuroglandulus emmae (Homoptera)
Althos graptosternus (Hemiptera)
Anthonomus albolineatus (Coleoptera)
Aspidiotus destructor (Homoptera)
Asterolecanium epidendri (Homoptera)
Brachystethus rubromaculatus (Hemiptera)
Bradybaena similis (Mollusca)
Capaneus tetricus (Hemiptera)
Chrysomphalus nigropunctatus (Homoptera)
C. tenax (Homoptera)
C. umboniferus (Homoptera)
Clerada apicicornis (Hemiptera)
Conchaspis orchidarum (Homoptera)
Corimelaena alticola (Hemiptera)
C. palmeri (Hemiptera)
Cryphula apicatus (Hemiptera)
Dendrocoris suffultus (Hemiptera)
Deroceras reticulatum (Mollusca)
Diorymerellus laevimargo (Coleoptera)
Epilachna nigrocincta (Coleoptera)
Eutetranychus banksi (Acarina)
Exptochiomeria albomaculata (Hemiptera)
Ferrisia virgata (Homoptera)
Furcaspis biformis (Homoptera)
Galgupha punctifer (Hemiptera)
G. texana (Hemiptera)
Helix aspersa (Mollusca)
Iridomyrmex iniquus (Hymenoptera)
Isorhinus undatus (Coleoptera)
Lamellaxis gracilis (Mollusca)
Lepidosaphes tuberculata (Homoptera)
Leptopharsa tenuis (Hemiptera)
Ligyrocoris aurivilliana (Hemiptera)
Limax marginatus (Mollusca)
L. maximus(?) (Mollusca)
Melanocoryphus circumlitus (Hemiptera)
Microtrogus picirostris (Coleoptera)
Miogryllus ensifer (Orthoptera)
Mormidea pictiventris Stal (Hemiptera)
M. pictiventris of authors (Hemiptera)
Myodocha giraffa (Hemiptera)
Nasutitermes costalis (Isoptera)
N. ephratae (Isoptera)
Nysius coenosulus (Hemiptera)
Oedancala bimaculata (Hemiptera)
Orthezia praelonga (Homoptera)
Pachybrachius nietneri (Hemiptera)
Pallantia maculata (Hemiptera)
Parlatoria pseudaspidiotus (Homoptera)
Pheidole megacephala (Hymenoptera)
Phelypera distigma (Coleoptera)
Plagioderia scabricula (Coleoptera)
Platynota rostrana (Lepidoptera)
Pseudischnaspis alienus (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Puto ulter (Homoptera)
Scaphidium atrum (Coleoptera)
Sybra alternans (Coleoptera)
Tenthecoris bicolor (Hemiptera)
T. confusus (Hemiptera)
T. orchidearum (Hemiptera)
T. vestitus (Hemiptera)
Veronicella sloani schivelyae (Mollusca)
Vinsonia stellifera (Homoptera)
Xiphidiopsis lita (Orthoptera)
Zonitoides arboreus (Mollusca)

ORNITHOGALUM:

Blissus diplopterus (Hemiptera)
Epichorista ionephela (Lepidoptera)

Frankliniella schultzei (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
H. nigricornis(?) (Thysanoptera)

ORYZA:

Chilo suppressalis (Lepidoptera)
Trogoderma granarium (Coleoptera)

PAEONIA:

Arion circumscriptus (Mollusca)
Frankliniella formosae (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)

PALM:

Aleuroplatus variegatus(?) (Homoptera)
Aonidiella inornata (Homoptera)
Aspidiotus destructor (Homoptera)
Coelonertus nigrirostris (Coleoptera)
Leucaspis cockerelli (Homoptera)
Nasutitermes corniger (Isoptera)

PANICUM:

Agrostothrips guillarmodi (Thysanoptera)

PAPAVER:

Iridomyrmex humilis (Hymenoptera)
Trogoderma parabile (Coleoptera)

PASSIFLORA:

Dacus dorsalis (Diptera)

PEDILANTHUS:

Bradybaena similis (Mollusca)

PELARGONIUM:

Frankliniella intonsa (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)

PERSEA:

Chrysomphalus albopictus (Homoptera)
Conotrachelus aguacatae (Coleoptera)
C. perseae (Coleoptera)
Dacus dorsalis (Diptera)
Stenoma catenifer (Lepidoptera)
Trioxa anceps (Homoptera)

PETROSELINUM:

Deroceras reticulatum (Mollusca)
Euleia heraclei (Diptera)
Helix aspersa (Mollusca)
Systole geniculata (Hymenoptera)

PHAEOMERIA:

Bradybaena similis (Mollusca)

PHALAENOPSIS:

Chrysomphalus tingi (Homoptera)
Parlatoria pseudaspidiotus (Homoptera)
Tenuipalpus pacificus (Acarina)
Vinsonia stellifera (Homoptera)

PHASEOLUS:

Ancylostomia stercorea (Lepidoptera)
Epinotia aporema (Lepidoptera)
Everes comyntas (Lepidoptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
Theba pisana (Mollusca)

PHILODENDRON:

Cactophagus validirostris (Coleoptera)
Chrysomphalus nigropunctatus (Homoptera)
C. personatus (Homoptera)
C. tenax (Homoptera)
Eucactophagus carinipyga (Coleoptera)
Helix aspersa (Mollusca)
Pinnaspis buxi (Homoptera)

PHOENIX:

Dacus dorsalis (Diptera)

PICEA:

Dryocoetes autographus (Coleoptera)
Ernobius abietis (Coleoptera)
Ips borealis (Coleoptera)
Pityogenes chalcographus (Coleoptera)

PIMPINELLA:

Helicella pyramidata (Mollusca)

PINUS:

Dichocrocis punctiferalis (Lepidoptera)
Ips acuminatus (Coleoptera)
I. calligraphus (Coleoptera)
I. typographus (Coleoptera)
Lepidosaphes pini (Homoptera)
Leucaspis loewi (Homoptera)
L. pusilla (Homoptera)
Pityogenes chalcographus (Coleoptera)
Pityophthorus micrographus (Coleoptera)

Hosts and Insects.—Continued

PISUM:

- Fundella pellucens* (Lepidoptera)
Haplothrips clarisetis(?) (Thysanoptera)
Lampides boeticus (Lepidoptera)

PLUMERIA:

- Coccus viridis* (Homoptera)
Conotelus mexicanus (Coleoptera)
Diachus auratus (Coleoptera)
Dialeurodes kirkaldyi (Homoptera)
Sybra alternans (Coleoptera)
Taeniothrips hawaiiensis (Thysanoptera)

PORTULACA:

- Nysius raphanus* (Hemiptera)

PRIORIA:

- Platypus rugulosus* (Coleoptera)

PROTEA:

- Homothrips distinctus* (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Phenacoccus stelli (Homoptera)

PRUNUS AMYGDALUS:

- Cenopalpus pulcher* (Acarina)
Ectomyelois ceratoniae (Lepidoptera)

PRUNUS ARMENIACA:

- Blissus diplopterus* (Hemiptera)
Ceratitis capitata (Diptera)

PRUNUS AVIUM:

- Chionaspis asiatica* (Homoptera)

PRUNUS DOMESTICA:

- Helicella maritima* (Mollusca)
Iridomyrmex humilis (Hymenoptera)
Parlatoria oleae (Homoptera)
Pseudococcus gahani (Homoptera)

PRUNUS PERSICA:

- Anastrepha ludens* (Diptera)
Ceratitis capitata (Diptera)
Geniocremnus chilensis (Coleoptera)
Listroderes subcinctus (Coleoptera)
Pseudococcus gahani (Homoptera)

PRUNUS PERSICA NECTARINA:

- Porotermes quadricollis* (Isoptera)

PRUNUS SP. (cherry):

- Anthonomus rectirostris* (Coleoptera)
Rhagoletis cerasi (Diptera)

PSEUDOTSUGA:

- Haplothrips aculeatus* (Thysanoptera)

PSIDIUM:

- Aleurocanthus spiniferus* (Homoptera)
A. woglumi (Homoptera)
Anastrepha mombinpraeoptans (Diptera)
A. striata (Diptera)
A. suspensa (Diptera)
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
Dacus dorsalis (Diptera)

PUNICA:

- Anastrepha ludens* (Diptera)
Ceroplastes japonicus (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Ectomyelois ceratoniae (Lepidoptera)
Ferrisia virgata (Homoptera)
Platynota rostrana (Lepidoptera)

PYRETHRUM:

- Frankliniella intonsa* (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
T. ericae (Thysanoptera)
Thrips flavus (Thysanoptera)

PYRUS:

- Anastrepha ludens* (Diptera)
Cenopalpus pulcher (Acarina)
Ceratitis capitata (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
Lepidosaphes conchiformis (Homoptera)
Scolytus multistriatus (Coleoptera)
Tetranychus viennensis (Acarina)

QUERCUS:

- Callirhytis glandium* (Hymenoptera)
Curculio elephas (Coleoptera)
Laspeyresia splendana (Lepidoptera)

RANUNCULUS:

- Aeolothrips tenuicornis* (?) (Thysanoptera)
Thrips angusticeps (Thysanoptera)

RHAPIS(?):

- Icerya seychellarum* (Homoptera)

RHODODENDRON:

- Acanthosoma haemorrhoidale* (Hemiptera)
Dialeurodes chittendeni (Homoptera)
Gracilaria azaleella (Lepidoptera)
Haplothrips aculeatus (Thysanoptera)
H. gowdeyi (Thysanoptera)
Pealius azaleae (Homoptera)
Psylla rhododendri (Homoptera)

RODRIGUEZIA:

- Furcaspis biformis* (Homoptera)

RORIPPA:

- Fossaria truncatula* (Mollusca)

ROSA:

- Aulacaspis latissima* (Homoptera)
Conotelus mexicanus (Coleoptera)
Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)
F. schultzei (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Helicella maritima (Mollusca)
Isoneurothrips obscuratus(?) (Thysanoptera)
Newsteadia floccosa (Homoptera)
Stenopterus rufus (Coleoptera)
Taeniothrips atratus (Thysanoptera)
T. hawaiiensis (Thysanoptera)
Tetranychus cinnabarinus (Acarina)
Thrips angusticeps (Thysanoptera)
T. flavus (Thysanoptera)
T. imaginis (Thysanoptera)
T. major (Thysanoptera)

ROSMARINUS:

- Philaenus leucophthalmus* (Homoptera)

ROYSTONEA:

- Aspidiotus destructor* (Homoptera)

RUBUS:

- Asterobemisia carpini* (Homoptera)

RUMEX:

- Dicyphus pallidicornis* (Hemiptera)

SACCHARUM:

- Anacentrinus insularis* (Coleoptera)
Chilo loftini (Lepidoptera)
Rhabdoscelus obscurus (Coleoptera)
Zeadiatraea lineolata (Lepidoptera)

SALIX:

- Thrips major* (Thysanoptera)

SAMANEA:

- Monomorium destructor* (Hymenoptera)

SCHINUS:

- Megastigmus pistaciae* (Hymenoptera)

SCHOMBURGKIA:

- Furcaspis biformis* (Homoptera)

SECHIUM:

- Ferrisia virgata* (Homoptera)
Pheidole megacephala (Hymenoptera)

SESBANIA:

- Lampides boeticus* (Lepidoptera)
Maruca testulalis (Lepidoptera)

SOIL:

- Arion ater* (Mollusca)
A. hortensis (Mollusca)
Cecilioides acicula (Mollusca)
C. aperta (Mollusca)
Cochlicella barbara (Mollusca)
C. ventrosa (Mollusca)
Cyclas formicarius elegantulus (Coleoptera)
Deroceras reticulatum (Mollusca)
Fossaria truncatula (Mollusca)
Helicella caperata (Mollusca)
H. maritima (Mollusca)
H. striata (Mollusca)
Hygromia cinctella (Mollusca)
Lamellaxis mauritanus (Mollusca)
Limax marginatus (Mollusca)
Myzus ascalonicus (Homoptera)
Orychilus alliaris (Mollusca)
Reticulitermes lucifugus (Isoptera)
Tyrophagus infestans (Acarina)
Zonitoides arboreus (Mollusca)

SOLANUM MELONGENA:

- Conotelus mexicanus* (Coleoptera)
Neoleucinodes elegantalis (Lepidoptera)

SOLANUM MURICATUM:

- Gnorimoschema plaesiosema* (Lepidoptera)
Orthezia pseudinsignis (Homoptera)

Hosts and Insects—Continued

SOLANUM TUBEROSUM:

Platypus rugulosus (Coleoptera)

SOLANUM SP.:

Leucinodes orbonalis (Lepidoptera)*Pyrausta nubilalis* (Lepidoptera)

SORBUS:

Lecanium corni (Homoptera)*Parlatoria oleae* (Homoptera)

SORGHUM:

Pyrausta nubilalis (Lepidoptera)*Sesamia cretica* (Lepidoptera)

SPATHIPHYLLUM:

Pinnaspis buxi (Homoptera)

SPATHOGLOTTIS:

Tenuipalpus pacificus (Acarina)

SPINACIA:

Theba pisana (Mollusca)

SPONDIAS:

Anastrepha mombinpraeoptans (Diptera)*Aspidiotus herculeanus* (Homoptera)*Chrysomphalus calurus* (Homoptera)*Piorinia theae* (Homoptera)*Parlatoria chinensis* (Homoptera)*Phenacoccus hirsutus* (Homoptera)

STENANDRIUM:

Brevipalpus phoenicis (Acarina)

STEPHANOTIS:

Taeniothrips hawaiiensis (Thysanoptera)

STRELITZIA:

Iridomyrmex humilis (Hymenoptera)*Pentalonia nigronervosa* (Homoptera)*Pseudococcus palmarum* (Homoptera)

SYRINGA:

Adoxophyes orana (Lepidoptera)*Thrips imaginis* (Thysanoptera)

TAGETES:

Haplothrips gowdeyi (Thysanoptera)*Sitona lineata* (Coleoptera)

TAMARINDUS:

Caryedon fuscus (Coleoptera)*Ectomyelois ceratoniae* (Lepidoptera)*E. decolor* (Lepidoptera)*Monomorium destructor* (Hymenoptera)

TERMINALIA:

Anastrepha mombinpraeoptans (Diptera)*Aspidiotus destructor* (Homoptera)*Ceratitis capitata* (Diptera)*Dacus dorsalis* (Diptera)

TETRACHNE:

Chirothrips pretorianus (Thysanoptera)

THEOBROMA:

Aspidiotus diffinis (Homoptera)*Pseudococcus njalensis* (Homoptera)

TILLANDSIA:

Furcaspis bififormis (Homoptera)

TRIFOLIUM:

Arion circumscriptus (Mollusca)*Monanthia lupuli* (Hemiptera)

TRITICUM:

Sitona hispidula (Coleoptera)*Trogoderma glabrum* (Coleoptera)*T. granarium* (Coleoptera)*T. parabile* (Coleoptera)*T. sternale plagifer* (Coleoptera)

TULIPA:

Anuraphis tulipae (Homoptera)*Arion circumscriptus* (Mollusca)*Deroceras reticulatum* (Mollusca)

TYPHA:

Deroceras reticulatum (Mollusca)

ULMUS:

Scolytus multistriatus (Coleoptera)

VANDA:

Asterolecanium epidendri (Homoptera)*Bradybaena similis* (Mollusca)*Conoderus exsul* (Coleoptera)*Conotelus mexicanus* (Coleoptera)*Coptotermes formosanus* (Isoptera)*Deroceras reticulatum* (Mollusca)*Furcaspis bififormis* (Homoptera)*Geotomus pygmaeus* (Hemiptera)*Nysius coenosulus* (Hemiptera)*Parlatoria pseudaspidiotus* (Homoptera)*Pinnaspis orchidarum* (Homoptera)*Plusia chalcites* (Lepidoptera)*Siphanta acuta* (Homoptera)*Xiphidopsis tita* (Orthoptera)

VIGNA:

Fundella pellucens (Lepidoptera)

VIOLA:

Arion hortensis (Mollusca)*Cecilioides acicula* (Mollusca)

VITIS:

Ceratitis capitata (Diptera)*Clysiana ambiguella* (Lepidoptera)*Conoderus rufangulus* (Coleoptera)*Cryptoblabes gnaiella* (Lepidoptera)*Holocacista rivillei* (?) (Lepidoptera)*Leptoglossus chilensis* (Hemiptera)*Lobesia botrana* (Lepidoptera)*Naupactus xanthographus* (Coleoptera)*Phylctinus callosus* (Coleoptera)

VRIESIA:

Chrysomphalus personatus (Homoptera)

YUCCA:

Ochrimnus vittiscutis (Hemiptera)*Zonitoides arboreus* (Mollusca)

ZANTHOXYLUM:

Pulvinaria psidii (Homoptera)

ZEA:

Chilo loftini (Lepidoptera)*Edessa meditabunda* (Hemiptera)*Frankliniella williamsi* (?) (Thysanoptera)*Monomorium destructor* (Hymenoptera)*Pagiocerus fiorii* (Coleoptera)*Pyrausta nubilalis* (Lepidoptera)*Sesamia nonagrioides* (?) (Lepidoptera)

ZINGIBER:

Pentalonia nigronervosa (Homoptera)*"Targionia" hartii* (Homoptera)

ZINGIBERACEAE:

Pulvinaria psidii (Homoptera)

ZINNIA:

Haplothrips gowdeyi (Thysanoptera)

Hosts Unknown

AIRPLANE:

Adelphocoris lineolatus (Hemiptera)
Aeneolamia varia (Homoptera)
A. varia saccharina (Homoptera)
Aethus indicus (Hemiptera)
Cassida circumdata (Coleoptera)
Chalciope hyppasia (Lepidoptera)
Cicadella spectra (Homoptera)
C. viridis (Homoptera)
Coenobela paucula (Lepidoptera)
Dacus cucurbitae (Diptera)
D. dorsalis (Diptera)
Diaphania costata (Lepidoptera)
D. quadristigmatis (Lepidoptera)
Diaprepes abbreviatus (Coleoptera)
D. abbreviatus var. (Coleoptera)
Diathrausta angustella (Lepidoptera)
Elousa albicans (Lepidoptera)
Empoasca kraemeri (Homoptera)
Geotomus pygmaeus (Hemiptera)
Gynaikothrips ficorum(?) (Thysanoptera)
Lachnopus hispidus (Coleoptera)
Leucochroma corope (Lepidoptera)
Lucanus cervus (Coleoptera)
Lygaeus pandurus (Hemiptera)
Mamestra brassicae (Lepidoptera)
Megachile fullawayi (Hymenoptera)
Metamasius hemipterus hemipterus (Coleoptera)
M. hemipterus sericeus (Coleoptera)
Mocis frugalis (Lepidoptera)
Nephotettix apicalis (Homoptera)
Notogramma stigma (Diptera)
Nysius plebeius (Hemiptera)
N. raphanus (Hemiptera)
Otosema odorata (Lepidoptera)
Pachybrachius nigriceps (Hemiptera)
Paroecanthus annulatus (Orthoptera)
Platypus rugulosus (Coleoptera)
Plesiommatia mollicella (Homoptera)
Proelymiotis johanna (Lepidoptera)
Pycnarthrum pallidum (Coleoptera)
Pycnoderes monticulifer (Hemiptera)
Saccharosydne saccharivora (Homoptera)
Samoaedes cancellalis (Lepidoptera)
Sardia pluto (Homoptera)
Scaptocoris minor (Coleoptera)
Schoenobius incertulas (Lepidoptera)
Sinoxylon conigerum (Coleoptera)
Spodoptera exempta (Lepidoptera)
S. mauritia (Lepidoptera)
Sybra alternans (Coleoptera)
Synyrias difundens (Lepidoptera)
Tetrapriocera longicornis (Colcoptera)

AUTOMOBILE:

Helix aspersa (Mollusca)

BAGGAGE:

Achatina fulica (Mollusca)
Dacus oleae (Diptera)
Diaprepes abbreviatus (Coleoptera)
Diploptera punctata (Orthoptera)
Geotomus pygmaeus (Hemiptera)
Helix cincta (Mollusca)
Iridomyrmex humilis (Hymenoptera)
Nysius plebeius (Hemiptera)
Ochrimnus collaris (Hemiptera)
Plusia chalcites (Lepidoptera)
Prosoplus bankii (Coleoptera)
Sybra alternans (Coleoptera)
Theba pisana (Mollusca)

BAGGING:

Trogoderma granarium (Coleoptera)

BARK:

Aspidiotus herculeanus (Homoptera)
Chionaspis salicis (Homoptera)
Ips typographus (Coleoptera)
Polygraphus rufipennis (Coleoptera)

"BEAN"

Ancylostomia stercorea (Lepidoptera)
Trogoderma granarium (Coleoptera)

BRAN:

Trogoderma glabrum (Coleoptera)

BURLAP BAG:

Pheidole megacephala (Hymenoptera)

CARGO—GENERAL:

Achatina achatina (Mollusca)
Theba pisana (Mollusca)

CELLULOSE:

Trogoderma glabrum (Coleoptera)

CONIFEROUS PLANT:

Drymus sylvaticus (Hemiptera)

CORK STAVE:

Scobicia chevrieri (Coleoptera)

CORM—UNIDENTIFIED:

Puto mexicanus (Homoptera)

CRATE:

Helix aspersa (Mollusca)
Reticulitermes tibialis (Isoptera)

CUTTING—UNIDENTIFIED:

Brevipalpus obovatus (Acarina)
Helicella caperata (Mollusca)
Pseudococcus boninsis (Homoptera)

DRIFTWOOD:

Cryptotermes domesticus (Isoptera)
Pheidole megacephala (Hymenoptera)

FLOUR:

Trogoderma granarium (Coleoptera)

FLOWERS:

Bradybaena similis (Mollusca)
Conotelus mexicanus (Coleoptera)
Dialeurodes kirkaldyi (Homoptera)
Frankliniella intonsa (Thysanoptera)
Geotomus pygmaeus (Hemiptera)
Haplothrips gowdeyi (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Limax marginatus (Mollusca)
Myzus ascalonicus (Homoptera)
Parthenothrips dracaenae (Thysanoptera)
Platynota rostrana (Lepidoptera)
Protopulvinaria pyriformis (Homoptera)
Pseudococcus gahani (Homoptera)
Spodoptera mauritia (Lepidoptera)
Taeniothrips atratus (Thysanoptera)
T. picipes (Thysanoptera)
Tetranychus cinnabarinus (Acarina)
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)

FOLIAGE:

Bradybaena similis (Mollusca)

FOOD FOR SALAMANDER:

Deroceras reticulatum (Mollusca)

WITH FRAXINUS SP.:

Aspidaphium cuspidati(?) (Homoptera)

FRUIT:

Dacus dorsalis (Diptera)
Iridomyrmex humilis (Hymenoptera)
Leptura fulva (Coleoptera)
Monomorium destructor (Hymenoptera)

GRAIN:

Trogoderma glabrum (Coleoptera)

GRASS SEED:

Chirothrips egregius (Thysanoptera)

HERB:

Bradybaena similis (Mollusca)
Capitophorus braggii(?) (Homoptera)
Metopoplax ditomoides (Hemiptera)
Pheidole megacephala (Hymenoptera)
Piesma capitatum (Hemiptera)
Tetranychus cinnabarinus (Acarina)
Tyrophagus infestans (Acarina)

LEAF—UNIDENTIFIED:

Ferrisia virgata (Homoptera)
Lepidosaphes tubulorum (Homoptera)
Restidia ruha(?) (Lepidoptera)
Verina supplicella (Lepidoptera)

LOG:

Conotelus mexicanus (Coleoptera)
Platypus rugulosus (Coleoptera)

MAIL PARCEL:

Achatina fulica (Mollusca)
Coptotermes formosanus (Isoptera)
Geotomus pygmaeus (Hemiptera)
Homoeogamia mexicana (Orthoptera)
Metioche vittaticollis (Orthoptera)
Oxydema fusiforme (Coleoptera)

*Hosts Unknown—Continued***MILITARY CARGO:**

Cochlicella barbara (Mollusca)
C. ventrosa (Mollusca)
Helicella caperata (Mollusca)
H. derbentina (?) (Mollusca)
H. itala (Mollusca)
H. maritima (Mollusca)
H. neglecta (Mollusca)
H. pyramidata (Mollusca)
H. trochoides (Mollusca)
Helix aspersa (Mollusca)
Metopoplax ditomoides (Hemiptera)
Otala lactea (Mollusca)
O. vermiculata (Mollusca)
Theba pisana (Mollusca)
Xeroleuca mographina (Mollusca)

MOSS:

Tetranychus cinnabarinus (Acarina)

NONE (brought in as food)

Helix aspersa (Mollusca)

PACKING:

Drymus sylvaticus (Hemiptera)

WITH PALM LEAF:

Hexachaeta monostigma (Diptera)

PEAT MOSS:

Monacha schotti (Mollusca)

PLANTS:

Deroceras reticulatum (Mollusca)
Hercinotherips bicinctus (Thysanoptera)
Lamellaxis gracilis (Mollusca)
Pheidole megacephala (Hymenoptera)
Protopulvinaria pyriformis (Homoptera)
Zonitoides arboreus (Mollusca)

PLANT MATERIAL (dried arrangements)

Simodactylus cinnamomeus (Coleoptera)
Sybra alternans (Coleoptera)

QUARTERS:

Callidium rufipenne (Coleoptera)
Neoclytus acuminatus (Coleoptera)

RAILWAY CAR:

Trogoderma glabrum (Coleoptera)
T. inclusum (Coleoptera)

WITH RESIDUE OF TITANIUM OXIDE:

Trogoderma granarium (Coleoptera)

ROOTS:

Arion hortensis (Mollusca)

SPHAGNUM MOSS:

Anisolabis marginalis (Dermaptera)
Monacha cantiana (Mollusca)

STORES:

Trogoderma granarium (Coleoptera)

SUCCULENT:

Iridomyrmex humilis (Hymenoptera)
Pheidole megacephala (Hymenoptera)

TRAILER:

Coptosoma punctatissima (Hemiptera)

VEGETABLE:

Cylas formicarius var. (Coleoptera)

WOOD:

Callidium rufipenne (Coleoptera)
Dinoderus bifoveolatus (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
Hylurgops palliatus (Coleoptera)
Ips typographus (Coleoptera)
Lyctus africanus (Coleoptera)
Micrapate labialis (Coleoptera)
Minthea rugicollis (Coleoptera)
Nasutitermes rippertii (Isoptera)
Phloeosinus shotoensis (Coleoptera)
Pityogenes chalcographus (Coleoptera)
P. quadridens (Coleoptera)
Pityokteines spinidens (Coleoptera)
Plagionotus arcuatus (Coleoptera)
Sinoxylon anale (Coleoptera)
Tetrapriocera longicornis (Coleoptera)
Theba pisana (Mollusca)

Countries of Origin and Insects

AFGHANISTAN:

Trogoderma granarium
T. parabile

ALGERIA:

Parlatoria zizyphus

AMERICAN SAMOA:

Lamellaia gracilis juncea
Pentalonia nigronervosa

AMERICAN VIRGIN ISLANDS:

Anastrepha mombinpraeoptans

ANGUILLA:

Cylas formicarius elegantulus
Fundella pellucens

ANTIGUA:

Furcaspis biformis
Protopulvinaria pyriformis
Pulvinaria psidii
Vinsonia stellifera

ARGENTINA:

Brevipalpus phoenicis
Ceratitis capitata
Ceroplastes rusci
Chrysomphalus personatus
Ectomyelois ceratoniae
Edessa meditabunda
Naupactus anthographus
Parlatoria cinerea
Selenothrips rubrocinctus
Typophagus infestans
Unaspis citri

ARUBA:

Stephanoderes hampei

AUSTRALIA:

Aonidiella citrina
Ceroplastes rubens
Deroceras reticulatum
Dialeurodes kirkaldyi
Frankliniella schultzei
Gnorimoschema plaesiosema
Haplothrips gowdeyi
Isoneurothrips obscuratus(?)
Lepidosaphes tokionis
L. tuberculata
Melanoides tuberculata
Orchamoplatus citri
O. mammaeferus
Pheidole megacephala
Platysectra analis
Pseudanaphothrips achætus(?)
Taeniothrips hawaiiensis
Tenuipalpus pacificus
Thiara balonnensis
Thrips imaginis
Trogoderma granarium

AUSTRIA:

Chionaspis salicis

AZORES:

Helix aspersa
Hercinothrips bicinctus
Iridomyrmex humilis
Isoneurothrips australis
Pyrausta nubilalis
Sesamia nonagrioides(?)

BAHAMAS:

Ancylostomia stercorea
Aspidiotus destructor
Asterolecanium epidendri
Cylas formicarius elegantulus
Fundella pellucens
Haplothrips gowdeyi
Ips calligraphus
Lepidosaphes tokionis
Monomorium destructor
Vinsonia stellifera
Zedaiatraea lineolata

BARBADOS:

Chrysomphalus personatus
Fundella pellucens
Lepidosaphes tokionis
Pseudococcus citricus
"Targionia" hartii
Tenuipalpus pacificus
Vinsonia stellifera

BELGIAN CONGO:

Pentalonia nigronervosa
Stephanoderes hampei

BELGIUM:

Arion circumscriptus
Frankliniella intonsa
Haplothrips aculeatus
Hylurgops palliatus
Phytomyza rufipes
Pityogenes chalcographus
Thrips major
Tyrophagus infestans

BERMUDA:

Bradybaena similis
Brevipalpus obovatus
Diaspis minima
Haplothrips gowdeyi
Iridomyrmex humilis
Pheidole megacephala
Protopulvinaria pyriformis
Sitona lineata

BOLIVIA:

Asterolecanium epidendri

BORNEO:

Sternochetus frigidus

BRAZIL:

Acanthoscelides bixae
Aleurothrixus floccosus
Asterolecanium epidendri
Bradybaena similis
Ceratitis capitata
Cerconota anonella
Chrysomphalus personatus
C. reniformis (tentative)
Coccus africanus
Deroceras reticulatum
Euscepes postfasciatus
Furcaspis biformis
Gibbibruchus speculifer
Haplothrips gowdeyi
Laspeyresia araucaria(?)
Leucaspis cockerelli
Leucoptera coffeella
Maruca testulalis
Neoleucinodes elegantalis
Parlatoria cinerea
Pectinophora gossypiella
Pinnaspis buxi
Protopulvinaria pyriformis
Pseudaonidia trilobitiformis
Pseudischnaspis linearis
Stephanoderes hampei
Taeniothrips dianthi
Tenthecoris orchidearum
Tenuipalpus heveae
Tetrapriocera longicornis
Unaspis citri

BRITISH GUIANA:

Aspidiotus destructor
Neodryocoetes guianae
Vinsonia stellifera

BRITISH HONDURAS:

Brachystethus rubromaculatus
Pheidole megacephala
Pseudischnaspis alienus
Vinsonia stellifera

BRITISH WEST INDIES (island(?)):

Aeneolamia varia saccharina
Saccharosydne saccharivora
Tetrapriocera longicornis

BURMA:

Parlatoria pseudaspidiotus

CANADA:

Ips borealis
Megalonotus chiragra
Polygraphus rufipennis
Scolytus multistriatus

CANAL ZONE:

Capaneus tetricus
Chrysomphalus tenax
Conchaspis orchidarum
Eucactophagus carinipyga
Ferrisia virgata

Countries of Origin and Insects—Continued

CANAL ZONE—Continued

Furcaspis biformis
Parlatoria pseudaspidiotus
Pinnaspis buxi
Pseudischneaspis alienus
Vinsonia stellifera
Xestolabus corvinus

CANARY ISLANDS:

Chrysomphalus pinnulifer

CANTON ISLAND:

Geotomus pygmaeus

CAPE VERDE ISLANDS:

Pheidole megacephala

CENTRAL AMERICA (country(?)):

Anastrepha mombinpraeoptans

CEYLON:

Monomorium destructor

CHILE:

Conoderus rufangulus
Geniocremanus chilensis
Gnorimoschema plaesiosema
Iridomyrmex humilis
Leptoglossus chilensis
Listroderes subcinctus
Lygaeus albo-ornatus
Naupactus xanthographus
Porotermes quadricollis
Pseudococcus gahani

CHINA:

Parlatoria zizyphus
Unaspis yanonensis

CHRISTMAS ISLAND:

Notogramma stigma

COLOMBIA:

Anastrepha mombinpraeoptans
Conotelus mexicanus
Ectomyelois muricis
Iridomyrmex pilifer
Lamellaxis gracilis
Leucaspis cockerelli
Limax maximus(?)
Minthea rugicollis
Pagiocerus fiorii
Platypus rugulosus
Tetranychus cinnabarinus

COSTA RICA:

Anastrepha mombinpraeoptans
Aspidiotus palmarum
Asterolecanium epidendri
Brevipalpus phoenicis
Ceratitis capitata
Chrysomphalus umboniferus
Conotrachelus perseae
Deroceras reticulatum
Diaphania quadrastigmatis
Eucactophagus aurocinctus
Farinococcus guatemalensis
Furcaspis biformis
Galgupha punctifer
Iridomyrmex iniquus
Lamellaxis gracilis
Leucaspis cockerelli
Leucoptera coffeella
Ligyrocoris aurivilliana
Limax marginatus
Mecolaemus carvalhoi
Pinnaspis buxi
Platynota rostrana
Pseudischneaspis alienus
Vinsonia stellifera
Zonitoides arboreus

CUBA:

Anacentrinus insularis
Anastrepha mombinpraeoptans
A. suspensa
Aspidiotus destructor
A. herculeanus
Asterolecanium epidendri
Bradybaena similis
Brevipalpus phoenicis
Cecilioides aperta
Chrysomphalus propeus

Coccus viridis

Cyclas formicarius elegantulus

Dialeurodes kirkaldyi

Ectomyelois decolor

Elousa albicans

Euborellia stali

Ferrisia virgata

Gynaikothrips ficorum(?)

Haplothrips gowdeyi

Lachnopus hispidus

Lamellaxis mauritianus

Leucaspis cockerelli

Metamasius hemipterus sericeus

Metopoplax ditomoides

Mormidea pictiventris of authors

Nasutitermes rippertii

Nysius raphanus

Pagiocerus fiorii

Pectinophora gossypiella

Pentalonia migranervosa

Pheidole megacephala

Pinnaspis buxi

Platynota rostrana

Protopulvinaria pyriformis

Pseudoparlatoria ostreata

Pycnarthrum pallidum

Ribua innoxia

Selenothrips rubrocinctus

Tetranychus cinnabarinus

Tetrapriocera longicornis

Theba pisana

CURACAO:

Fiorinia theae

CYPRUS:

Ceratitis capitata

CZECHOSLOVAKIA:

Taeniothrips atratus

DENMARK:

Limothrips denticornis

Phytomyza rufipes

DOMINICAN REPUBLIC:

Anastrepha mombinpraeoptans

Ancylostomia stercorea

Cecilioides aperta

Coccus viridis

Cyclas formicarius var.

C. formicarius elegantulus

Diaprepes abbreviatus

Ectomyelois ceratoniae

Metamasius hemipterus hemipterus

Monomorium destructor

Pectinophora gossypiella

Pseudococcus boninsis

Pycnoderes monticulifer

Ribua innoxia

Vinsonia stellifera

EAST AFRICA (country(?)):

Monomorium destructor

ECUADOR:

Althos graptosternus

Aonidiella inornata

Aspidiotus diffinis

Asterolecanium epidendri

Cerconota anonella

Chrysomphalus umboniferus

Epilachna paenulata

Euglandina striata

Furcaspis biformis

Iridomyrmex iniquus

Metamasius hemipterus sericeus

Niveaspis vulcanicus

Pagiocerus fiorii

Porphyrobaphe isotoma

Solaropsis monile

Stenoma catenifer

EGYPT:

Ceratitis capitata

Earias insulana(?)

Gnorimoschema ocellatella

Hellula undalis

Sinoxylon anale

Trogoderma granarium

Countries of Origin and Insects—Continued

EL SALVADOR:

Anastrepha mombinpraeoptans
Anastrepha striata(?)
Aulacaspis mangiferae
Chrysomphalus calurus
Dialeurodes citrifolii
Leucaspis cockerelli
Pseudischnaspis alienus
Stenoma catenifer

ENGLAND:

Acanthosoma haemorrhoidale
Anuraphis tulipae
Arion ater
A. circumscriptus
Curculio elephas
Deroceras reticulatum
Dialeurodes chittendeni
Drymus sylvaticus
Eriophyes canestrinii
Ernobius abietis
Euleia heraclei
Filippia viburni
Fossaria truncatula
Frankliniella intonsa
Helix aspersa
Myrmedobia distinguenda
Myzus ascalonicus
Oxychilus cellarius
Pealius azaleae
Phytomyza rufipes
Pulvinaria floccifera
Sciocoris cursitans(?)
Steneotarsonemus laticeps
Taeniothrips atratus
T. ericae
T. picipes
Tetranychus cinnabarinus
Thrips flavus
T. major
Trogoderma granarium
Tyrophagus infestans

ENIWETOK:

Furcaspis oceanica
Lepidosaphes esakii

EUROPE (country(?)):

Ceratitis capitata
Leptura fulva
Myzus ascalonicus

FEDERATION OF MALAYA:

Dacus pedestris
Pulvinaria psidii
Sipylus dilatatus

FIJI ISLANDS:

Dacus passiflorae
Haplothrips gowdeyi
Lepidosaphes tokionis
Orchamoplatus mammaeferus
Parlatoria zizyphus
Pheidole megacephala
Sardia pluto

FINLAND:

Frankliniella intonsa
Taeniothrips atratus
T. ericae
Thrips flavus

FORMOSA:

Fiorinia theae
Lepidosaphes tuberculata
Parlatoria zizyphus
Trogoderma granarium
Unaspis yanonensis

FRANCE:

Aceria macrochelus
A. macrorhynchus
A. tulipae
Acrolepia assectella
Anuraphis cardui
Arion ater
A. circumscriptus
A. hortensis
Asterobemis carpinii
Cecilioides acicula
Cenopalpus pulcher
Ceratitis capitata

Curculio elephas
Deroceras reticulatum
Frankliniella intonsa
Grapholita janthiana
Helicella caperata
H. itala
H. maritima
Helix aspersa
Iridomyrmex humilis
Laspeyresia splendana
Lobesia botrana
Mamestra brassicae
Miccotrogus picirostris
Palpita unionalis
Pentarthrum huttoni
Philaenus leucophthalmus
Phytomyza rufipes
Rhagoletis cerasi
Rhaphogaster nebulosa
Rhyparochromus alboacuminatus
Stenopterus rufus
Theba pisana
Thrips angusticeps
T. major

FRENCH WEST AFRICA:

Caryedon fuscus

GERMANY:

Adoxophyes orana
Anthonomus rectirostris
Arion hortensis
Aspidaphium cuspidati(?)
Chionaspis salicis
Deroceras reticulatum
Dryocoetes autographus
Frankliniella intonsa
Haplothrips aculeatus
Helicella caperata
Hercinothrips bicinctus
Ips typographus
Kleidocerys ericae(?)
Leucaspis loewi
Limothrips denticornis
Lucanus cervus
Oxychilus alliarius
Phytomyza rufipes
Pityokteines spinidens
Rhagoletis cerasi
Taeniothrips atratus
T. dianthi
Thrips angusticeps
T. flavus
T. major
Tyrophagus infestans

GERMANY(?):

Systole albipennis

GREAT BRITAIN (country(?)):

Evergestis forficalis
Phytomyza rufipes

GREECE:

Ceratitis capitata
Ceroplastes rusci
Cryptoblabes gnidiella
Curculio elephas
Dacus oleae
Ectomyelois ceratoniae
Ephestia calidella
Helicella maritima
Helix figulina
Laspeyresia splendana
Leucaspis riccae
Otala lactea
Parlatoria oleae
Pollinia pollini
Prays oleellus
Sesamia cretica
Thrips angusticeps
Trialeurodes lauri
Trogoderma granarium

GUAM:

Agonoxyena pyrogramma
Aonidiella inornata
Cassida circumdata
Coccus viridis
Lepidosaphes esakii
Pentalonia nigronervosa

Countries of Origin and Insects—Continued

GUAM(?):

Mamestra brassicae
Mocis frugalis
Nephotettix apicalis
Pachybrachius nigriceps

GUATEMALA:

Anastrepha ludens
A. mombinpraeoptans
A. serpentina
Asterolecanium epidendri
Chrysomphalus calurus
C. umboniferus
Conotrachelus aguacatae
Diorymerellus laevimargo
Eurytoma orchidearum
Furcaspis biformis
Heraeus eximus
Iridomyrmex iniquus
Leucaspis cockerelli
Limax marginatus
Metamasius hemipterus sericeus
Orthezia pseudinsignis
Pseudischchnaspis alienus
Pseudoparlatoria ostreata
Puto ulter
Restidia ruha(?)
Tenthecoris distinctus
Verina supplicella

HAITI:

Aganactesis indecora
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Coccus viridis
Haplothrips gowdeyi
Iridomyrmex keiteli subfasciatus
Minthea rugicollis
Monomorium destructor
Tetranychus cinnabarinus
Vinsonia stellifera

HAWAII:

Achatina fulica
Antonina bambusae
Araecerus levipennis
Asterolecanium bambusae
Bradybaena similaris
Brevipalpus phoenicis
Caryedon fuscus
Ceratitis capitata
Ceroplastes rubens
Coccus viridis
Conoderus exsul
Conotelus mexicanus
Coptotermes formosanus
Cryptophlebia illepidia
Cyclas formicarius elegantulus
Dacus cucurbitae
D. dorsalis
Deroceras reticulatum
Diachus auratus
Dialeurodes kirkaldyi
Diocalandra taitensis
Diploptera punctata
Euscepes postfasciatus
Furcaspis biformis
F. oceanica
Geotomus pygmaeus
Lampides boeticus
Lepidosaphes tokionis
Leucaspis cockerelli
Maruca testulalis
Megacerus alternatus
Metioche vittaticollis
Nysius coenosulus
Odonaspis greenii
Otosema odorata
Oxydema fusiforme
Parlatoria crotonis
P. pseudaspidiotus
P. zizyphus
Pealius hibisci
Pectinophora gossypiella
P. scutigera
Pentalonia nigronervosa
Perkinsiella saccharicida

Pheidole megacephala
Pinnaspis buxi
P. uniloba
Plusia chalcites
Prosoplus bankii
Pseudaonidia clavigera
Pseudococcus palmarum
Pulvinaria psidii
Rhabdoscelus obscurus
Selenothrips rubrocinctus
Simodactylus cinnamomeus
Siphanta acuta
Spodoptera mauritia
Stephanoderes perkinsi
Sternochetus mangiferae
Sybra alternans
Systole geniculata
Taeniothrips hawaiiensis
T. vitticornis
Teleonemia scrupulosa(?)
Xiphidiopsis lita

HONDURAS:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Clerada apicicornis
Cosmopolites sordidus
Diaphania costata
Ectomyelois muricis
Furcaspis biformis
Haplothrips gowdeyi
Leucaspis cockerelli
Metamasius hemipterus sericeus
Pheidole megacephala
Platynota rostrana
Stenoma catenifer
Zonitoides arboreus

HONG KONG:

Bradybaena similis(?)
Cylas formicarius var.
C. formicarius formicarius
Parlatoria zizyphus
Systole geniculata
Tachardina lobata (tentative)
Unaspis yanonensis

HUNGARY:

Rhagoletis cerasi

ICELAND:

Orychilus alliarius

INDIA:

Diazenes dendrobii(?)
Heterobostrychus aequalis
Lyctus africanus
Sternochetus mangiferae
Trogoderma granarium

INDONESIA:

Parlatoria zizyphus

IRAN:

Cenopalpus pulcher
Chionaspis asiatica
Trogoderma grassmani

IRAQ:

Leucaspis pusilla
Trogoderma granarium

IRELAND:

Acalypta parvula
Acanthosoma haemorrhoidale
Arion ater
A. circumscriptus
A. hortensis
Deroceras reticulatum
Dicyphus pallidicornis
Eriophyes canestrinii
Helicella caperata
Myzus ascalonicus
Phytomyza rufipes
Steneotarsonemus laticeps
Taeniothrips atratus
Thrips major

ISRAEL:

Aeolothrips tenuicornis(?)
Ceratitis capitata
Monacha schotti
Tetranychus cinnabarinus
Thrips angusticeps

Countries of Origin and Insects—Continued

ITALY:

Acrolepia assectella
Anuraphis cardui
Apion carduorum
Aspidiotus degeneratus
Brachycerus albidentatus
B. algirus
Brevipalpus phoenicis
Ceciloides acicula
Ceratitis capitata
Clysiana ambiguella
Cochlicella barbara
C. ventrosa
Cryptoblabes gnidiella
Curculio elephas
C. nucum
Dactylotrypes uyttenboogaarti
Dacus oleae
Deroceras reticulatum
Ectomyelois ceratoniae
Ephestia calidella
Euzophera vigella(?)
Filippia oleae(?)
Fossaria truncatula
Helicella caperata
H. itala
H. maritima
H. neglecta
H. pyramidata
H. striata
Helix aspersa
H. cincta
Holocacista rivillei(?)
Homotoma ficus
Hygromia cinctella
Iridomyrmex humilis
Laspeyresia splendana
Lepidosaphes ficus
Limax maximus
Milax gagates
Monacha cantiana
Monomorium destructor
Orsillus depressus
Parlatoria cinerea
P. oleae
P. zizyphus
Philaenus leucophthalmus
Phytomyza rufipes
Piesma capitatum
Pseudochelidura sinuata
Pseudococcus citricus
Pyrausta nubilalis
Reticulitermes lucifugus
Rhagoletis cerasi
Sesamia cretica
Sitona hispidula
Systole geniculata
Tetranychus cinnabarinus
Theba pisana
Thrips angusticeps
Tischeria complanella
Tyrophagus infestans

JAMAICA:

Aeneolamia varia saccharina
Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Aspidiotus destructor
Asterolecanium epidendri
Brevipalpus phoenicis
Caryedon fuscus
Ectomyelois decolor
Furcaspis biformis
Monomorium destructor
Palaeopus costicollis
Pectinophora gossypiella
Platynota rostrana
Pseudoparlatoria ostreata
Veronicella sloani schivelyae
Vinsonia stellifera

JAPAN:

Aethus indicus
Anisolabis marginalis
Aonidiella citrina

A. inornata
Aspidiotus degeneratus
Aulacaspis latissima
Bryobia ehari
Callidium rufipenne
Carposina niponensis
Ceroplastes japonicus
Chalciope hyppasia
Chilo suppressalis
Chrysomphalus setiger(?)
Cicadella viridis
Coccus viridis
Coptosoma punctatissima
Dacus dorsalis
Deroceras reticulatum
Dialeurodes kirkaldyi
D. tristylis
Dichocro is punctiferalis
Eysarcoris guttiger
Frankliniella formosae
Gracilaria azaleella
Haplothrips gowdeyi
Ips acuminatus
Lepidosaphes conchiformis
L. pini
L. tuberculata
L. tubulorum
Mamestra brassicae
Morganella longispina
Nephotettix apicalis
Nipponaclerda biwakoensis
Nysius plebeius
Odonaspis lobulatus
Oligonychus perditus
Orchamoplatus mammaeferus
Palomena angulosa
Parlatoria zizyphus
Pentamerismus oregonensis
Phloeosinus shotoensis
Psylliodes punctifrons
Pyrausta nubilalis
Samoedes cancellalis
Schoenobius incertulas
Sinoxylon conigerum
Spodoptera exempta
Taeniothrips gracilis
T. hawaiiensis
Tetranychus viennensis
Thrips flavus
Trogoderma granarium
Unaspis citri
U. yanonensis
Zonitoides arboreus

JAPAN(?):

Cicadella spectra
Dacus cucurbitae
Parlatoria cinerea
Spodoptera mauritia
Sybra alternans

JORDAN:

Orellia punctata

KENYA:

Aspidiotus destructor
Myzus anselliae
Vinsonia stellifera

KWAJALEIN:

Furcaspis oceanica
Lepidosaphes esakii
Sybra alternans

KWAJALEIN(?):

Nephotettix apicalis

LEBANON:

Dacus oleae
Prays oleellus

LIBERIA:

Achatina achatine
Leucinodes orbonalis
Pseudococcus njalensis
Xyloperthella crinitarsis

LIBYA:

Helicella maritima
H. neglecta
Theba pisana

Countries of Origin and Insects—Continued

LUXEMBOURG:

Helicella caperata

MALTA:

*Cryptoblabes gnidiella**Iridomyrmex humilis**Parlatoria oleae**Thrips angusticeps*

MARIANA ISLANDS:

Lophothetes hirsutus

MEXICO:

*Acalymma trivittata**Aconophora sinanjensis**Aleurocanthus woglumi**Aleuroglandulus emmae**Aleuroparadozus gardeniae**Aleuroplatus variegatus(?)**Althos obscurus**Anastrepha ludens**A. mombinpraeoptans**A. striata**Anthonomus albolineatus**Asterolecanium epidendri**Batrachedra linaria**Cactophagus validirostris**Capaneus tetricus**Capitophorus braggii(?)**Chelysoma variabilis**Chilo loftini**Chrysomphalus agavis**C. albopictus**C. nigropunctatus**C. personatus**C. sphaerioides**C. tenax**C. tricuspis**Coelonertus nigristrostris**Conotelus mexicanus**Conotrachelus aguacatae**C. perseae**Corimelaena alticola**C. palmeri**Cosmopolites sordidus**Cryphalomorphus jalappae**Cryphula apicatus**Cylas formicarius elegantulus**Dactylopius confusus**Dendrocoris suffultus**Deroceras reticulatum**Dialeurodes citrifolii**Diorymerellus laevimargo**Dysdercus mimulus**Epilachna nigrocincta**Epinotia aporema**Eremberga insignis**Everes comyntas**Exptochiomera albomaculata**Ferrisia virgata**Frankliniella williamsi(?)**Furcaspis biformis**Galgupha punctifer**G. texana**Gnorimoschema gudmannella**Gymnococcus agavium**Haplothrips clarisetis(?)**Helix aspersa**Hesperolabops gelastops**Hexachaeta monostigma**Homoeogamia mexicana**Iridomyrmex humilis**Isorhinus undatus**Lepidosaphes philococcus**Leptopharsa tenuis**Leucoptera coffeella**Ligyrocoris aurivilliana**Limax marginatus**Melanocoryphus circumlitis**Metamasius hemipterus sericeus**Micrapate labialis**Mimosestes dominicanus**Mormidea pictiventris**Myodocha giraffa**Myrmecophila americana**Nasutitermes corniger**Neoleucinodes elegantalis**Nysius raphanus**Ochrimnus vittiscutis**Oedancala bimaculata**Opuntiaspis carinata**Orthezia pseudinsignis**Pallantia maculata**Parisoschoenus expositus**P. flavolimbatus**Pectinophora gossypiella**Phelypera distigma**Plagiodera scabricula**Platynota rostrana**Platypus rugulosus**Pseudischnaspis alienus**Pseudococcus eualatensis**Pseudoparlatoria ostreata**Psylla minuticonica(?)**Pulvinaria psidii**Puto mexicanus**Pyrgocorypha sallei**Reticulitermes flavipes**R. tibialis**Scaphidium atrum**Scolytus multistriatus**Stenoma catenifer**"Targionia" bromiliae**Tenthecoris bicolor**T. confusus**T. orchidearum**T. vestitus**Tetranychus cinnabarinus**Toxotrypana curvicauda**Trialeurodes vitrinellus**Trioza anceps**Trogoderma glabrum**T. inclusum**T. parabile**T. sternale plagifer**Trogoxylon prostomoides**Zonitoides arboreus*

MIDWAY ISLANDS:

Cicadella spectra

MIDWAY ISLANDS(?):

*Cicadella viridis**Mocis frugalis*

MOROCCO:

*Cochlicella barbara**C. ventrosa**Helicella maritima**H. trochoides**Otala vermiculata**Scobicia chevrieri**Systole albipennis**Theba pisana**Thrips angusticeps**Xeroleuca mograbina*

MOROCCO(?):

*Laspeyresia splendana**Metopoplax ditomoides*

NEPAL:

Pulvinaria psidii

NETHERLANDS:

*Acrolepia assectella**Adoxophyes orana**Anuraphis tulipae**Arion circumscriptus**A. hortensis**Deroceras reticulatum**Dialeurodes chittendeni**Eriophyes canestrinii**Evergestis forficalis**Gracilaria azaleella**Haplothrips aculeatus**Phytomyza rufipes**Trogoderma granarium*

NETHERLANDS EAST INDIES:

Caryedon fuscus

NEW CALEDONIA:

*Morganella longispina**Unaspis citri*

Countries of Origin and Insects—Continued

NICARAGUA:

Anastrepha mombinpraeoptans
Aspidiotus herculeanus
Chrysomphalus personatus
Empoasca kraemeri
Paroecanthus annulatus
Plesiomnata mollicella
Pseudischnaspis alienus
P. longissima

NIGERIA:

Dinoderus bifoveolatus

NIGERIA(?):

Trogoderma granarium

NORTH AFRICA (country(?)):

Theba pisana

NORTHERN IRELAND:

Steneotarsonemus laticeps

NORWAY:

Ips typographus
Lecanium corni
Pityogenes chalcographus

OKINAWA:

Parlatoria zizyphus
Unaspis yanonensis

PAKISTAN:

Trogoderma granarium

PALMYRA ISLAND:

Pheidole megacephala

PALMYRA ISLAND(?):

Megachile fullawayi

PANAMA:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Aulacaspis mangiferae
Chrysomphalus umboniferus
Conchaspis orchidarum
Cosmopolites sordidus
Dialeurodes citrifolii
Diathrausta angustella
Fundella pellucens
Furcaspis biformis
Geotomus spinolai
Leucaspis cockerelli
Leucochroma corope
Metamasius hemipterus sericeus
Miogryllus ensifer
Parlatoria cinerea
P. pseudaspidotus
Platypus rugulosus
Pseudischnaspis alienus
Stenoma catenifer
Tetrapriocera longicornis
Unaspis citri
Valtissius diversus
Vinsonia stellifera

PERU:

Epinotia aporema
Helix aspersa
Pagiocerus fiorii
Stenoma catenifer

PHILIPPINES:

Aleurocanthus spiniferus
Aleurotuberculatus jasmini
Aspidiotus excisus
A. palmae
Chrysomphalus tingi
Ferrisia virgata
Fiorinia nephelii
F. theae
Furcaspis biformis
Heterobostrychus aequalis
Icerya seychellarum
Lepidosaphes tuberculata
Monomorium destructor
Pachybrachius nietneri
Parlatoria chinensis
P. pseudaspidotus
P. zizyphus
Phenacoccus hirsutus
Pinnaspis buxi
Pseudaonidia trilobitiformis
Pseudococcus lilacinus
Pulvinaria psidii
Tenuipalpus pacificus
Unaspis yanonensis

POLAND:

Baris lepidii
Curculio nucum
Deroceras reticulatum
Frankliniella intonsa
Lecanium corni
Pyrausta nubilalis
Rhagoletis cerasi
Taeniothrips atratus
Thrips major

PORTUGAL:

Acrolepia assectella
Aspidiotus britannicus
Callirhytis glandium
Ceratitidis capitata
Ctenoglyphus canestrinii
Curculio elephas
C. nucum
Deroceras reticulatum
Dicyphus annulatus
Haplothrips cottei
Iridomyrmex humilis
Laspeyresia splendana
Limax marginatus
Rhagoletis cerasi
Taeniothrips ericae
Testacella maugei
Zonitoides arboreus

PUERTO RICO:

Anastrepha mombinpraeoptans
A. suspensa
Ancylostomia stercorea
Cylas formicarius elegantulus
Diaprepes abbreviatus
D. abbreviatus var.
Doru albipes
Ectomyelois ceratoniae
Euscepes postfasciatus
Fundella pellucens
Maruca testulalis
Metamasius hemipterus hemipterus
Ochrinus collaris
Pectinophora gossypiella
Pentalonia nigronervosa
Pheidole megacephala
Protopulvinaria longivalvata
Pulvinaria urticae
Vinsonia stellifera

RUMANIA:

Rhagoletis cerasi

ST. KITTS:

Ancylostomia stercorea
Euscepes postfasciatus

SCOTLAND:

Limothrips denticornis
Micrelus ericae
Steneotarsonemus laticeps
Taeniothrips atratus
T. ericae
Thrips major

SIERRA LEONE:

Alcidodes dentipes

SINGAPORE:

Pinnaspis orchidarum
Tenuipalpus pacificus
Trogoderma granarium

SOUTH AMERICA (country(?)):

Haplothrips gowdeyi

SOUTH PACIFIC:

Coccus viridis
Lepidosaphes tokionis
Orchamoplatus mammaeferus
Pulvinaria psidii

SPAIN:

Ceratitidis capitata
Chilo suppressalis
Cryptoblabes gnidiella
Curculio elephas
Dacus oleae
Deroceras reticulatum
Ectomyelois ceratoniae
Eurydema ornatum
Helicella maritima
Helix aspersa
Laspeyresia splendana

Countries of Origin and Insects—Continued

SPAIN—Continued

Newsteadia floccosa
Parlatoria zizyphus
Rhagoletis cerasi

SURINAM:

Fundella pellucens
Tettigonia oculata
Vinsonia stellifera

SWEDEN:

Ips typographus
Parthenothrips dracaenae
Phytomyza rufipes
Pityogenes chalcographus
P. quadridens
Pityophthorus micrographus
Taeniothrips atratus
Thrips flavus
Ulopa reticulata

SWITZERLAND:

Curculio elephas
Deroceras reticulatum
Ernobius abietis
Haplothrips aculeatus
Phytomyza gentianae(?)
Psylla rhododendri
Stenoptilia stigmatodactyla

SYRIA:

Ceratitis capitata

TAHITI:

Aspidiotus destructor
Dialeurodes kirkaldyi
Morganella longispina

THAILAND:

Parlatoria zizyphus

TORTOLA:

Ancylostomia stercorea
Euscepes postfasciatus
Orocharis vaginalis

TRINIDAD:

Aeneolamia varia
A. varia saccharina
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Coenobela paucula
Dercynus micronyx
Euscepes postfasciatus
Lepidosaphes tokionis
Maruca testulalis
Nasutitermes costalis
Orthezia praelonga
Palaeopus costicollis
Parlatoria cinerea
Pectinophora gossypiella
Pinnaspis buxi
Protopulvinaria longivalvata
Pseudaonidia trilobitiformis
Vinsonia stellifera

TUNISIA:

Ceratitis capitata
Dacus oleae
Parlatoria zizyphus

TURKEY:

Aspidiotus hedericola
Megastigmus suspectus pinsapinis
Prays oleellus
Stenodema holsatum
Theba pisana

TURKEY(?)

Helicella derbentina(?)
Helicella pyramidata

UNION OF SOUTH AFRICA:

Agrostothrips guillarmodi
Blissus diplopterus
Ceratitis capitata(?)

Chirothrips egregius
C. hoodi
C. pretorianus
Cryptophlebia leucotreta
Epichorista ioneophela
Frankliniella schultzei
Haplothrips gowdeyi
H. nigricornis(?)
Homothrips distinctus
Iridomyrmex humilis
Megastigmus pistaciae
Oxychilus alliarius
Parlatoria cinerea
Phenacoccus stelli
Phlyctinus callosus
Pseudococcus gahani
Pyrausta nubilalis

UNION OF SOVIET SOCIALIST REPUBLICS:

Dacus oleae

UNKNOWN:

Adelphocoris lineolatus
Andrector atrofasciata
Aonidiella citrina
Arion hortensis
Ceratitis capitata
Conotelus mexicanus
Cryptophlebia leucotreta
Deroceras reticulatum
Ectomyelois ceratoniae
Euleia heraclei
Frankliniella intonsa
Iridomyrmex humilis
Lygaeus pandurus
Metopoplax ditomoides
Myzus ascalonicus
Otala vermiculata
Parlatoria cinerea
P. zizyphus
Pheidole megacephala
Plagionotus arcuatus
Taeniothrips atratus
Theba pisana
Trogoderma granarium

VENEZUELA:

Bephrata maculicollis
Coccus viridis
Ectomyelois muricis
Euscepes postfasciatus
Eutetranychus banksi
Furcaspis biformis
Hypsipyla ferrealis
Nasutitermes ephratae
Palaeopus costicollis
Proelymiotis johanna
Scaptocoris minor
Synyrias diffundens
Vinsonia stellifera

VENEZUELA(?):

Neoclytus acuminatus

VIETNAM:

Minthea rugicollis
Parlatoria zizyphus
Sternochetus olivieri

WAKE ISLAND:

Cryptotermes domesticus

WEST PACIFIC:

Geotomus pygmaeus
Nephotettix apicalis

YUGOSLAVIA:

Laspeyresia splendana
Monanthia lupuli
Rhagoletis cerasi
Stenodema laevigatum(?)

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Albugo platensis</i> (Speg.) Swing.: <i>Boerhaavia</i> sp. (spiderling)	Philippines			1	Hawaii.
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall: <i>Dianthus caryophyllus</i> (carnation)	France, Japan	2			Hawaii, N.Y.
† <i>Alternaria porri</i> (Ell.) (Cif.: <i>Allium porrum</i> (leek)	Netherlands		1		Calif.*
† <i>Angiopsora ampelopsidis</i> (Diet. et Syd.) Thirum. et Kern: <i>Vitis vinifera</i> (European grape)	Japan		1		Hawaii.
† <i>Anguina tritici</i> (Steinbuch) Filip.: <i>Triticum aestivum</i> (wheat)	Italy			1	N.Y.
<i>Aphelenchoides fragariae</i> (Ritzema Bos) Christie: <i>Bletilla hyacinthina</i> (orchid)	Japan, Netherlands			7	N.J.
<i>Dahlia</i> sp.	Belgium			1	N.J.
<i>Heuchera</i> 'Pruhoniciana' & 'Scintillation'	England			1	N.J.
<i>Paeonia</i> sp.	Japan			1	Fla.
<i>Aphelenchoides subtenuis</i> (Cobb) Steiner & Buhner: <i>Narcissus</i> sp.	Italy			1	N.Y.
† <i>Ascochyta graminicola</i> Sacc.(?): <i>Paspalum</i> sp.(?)	Mexico		1		Tex.
<i>Ascochyta pisi</i> Lib.: <i>Lens culinaris</i> (lentil)	†Spain	1			N.Y.
<i>Phaseolus vulgaris</i> var. (string bean)	Japan		1		Wash.
<i>Pisum sativum</i> (pea)	Italy, Japan, Mexico, †Union of Soviet Socialist Republics.	1	3	1	Calif.,* Ill., N.Y., Tex.
<i>Ascochyta pisi</i> Lib.(?): <i>Vicia faba</i> (broadbean)	Italy		1		N.Y.
† <i>Asterina raripoda</i> Doidge(?): <i>Epidendrum radicans</i> (orchid)	Costa Rica			1	Fla.
† <i>Cercospora angraeci</i> Feuill. & Roum.: <i>Odontoglossum cariniferum</i> (orchid)	do			1	Calif.*
† <i>Cercospora coffeicola</i> Berk. & Cke.: <i>Coffea</i> sp.	Puerto Rico			1	Fla.
† <i>Cercospora grandissima</i> Rangel: <i>Dahlia</i> sp.	Argentina	1			N.Y.
† <i>Cercospora handelii</i> Bub.: <i>Rhododendron indicum</i> (indica azalea)	Japan			1	Calif.*
<i>Rhododendron</i> sp.	Union of South Africa	1			N.Y.
† <i>Cercospora henningsii</i> Allesch.: <i>Manihot esculenta</i> (cassava)	Trinidad			1	N.Y.
† <i>Cercospora odontoglossi</i> Prill. & Del.: <i>Odontoglossum</i> sp. (orchid)	France			1	N.Y.
<i>Cercospora oryzae</i> I. Miyake: <i>Oryza sativa</i> (rice)	Mexico	1			Tex.
† <i>Cercospora pancratii</i> Ell. & Ev.: <i>Hymenocallis</i> sp.	do			1	Tex.
<i>Cercospora psidii</i> Rangel: <i>Psidium guajava</i> (guava)	do	1			Tex.
<i>Cercospora punicae</i> P. Henn.: <i>Punica granatum</i> (pomegranate)	Puerto Rico	1			P.R.
<i>Cercospora mori</i> Pk.: <i>Morus</i> sp. (mulberry)	Mexico	1			Tex.
<i>Chrysomyxa ledi</i> d By. var. <i>rhododendri</i> (d By.) Savile: <i>Rhododendron charitopes</i>	Canada			1	Wash.
<i>R. ferrugineum</i> (rock rhododendron)	Austria, Germany, Switzerland, unknown.	15			N.J., N.Y.
<i>R. hirsutum</i> (garland rhododendron)	Austria, Germany	2			N.J.
<i>R. racemosum</i> (Mayflower rhododendron)	Canada			1	Wash.
<i>Rhododendron</i> sp.	Austria, Switzerland	4		1	D.C., Ill., N.Y.
† <i>Cladosporium graminum</i> Lk.: <i>Arrhenatherum</i> sp.	Yugoslavia			1	D.C.

See footnotes at end of this list.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Coleosporium plumeriae</i> Pat.:					
<i>Plumeria</i> sp.-----	Mexico-----			1	Tex.
<i>Colletotrichum dematium</i> (Fr.) Grove f. <i>truncata</i> (Schw.) Arx:					
<i>Pisum sativum</i> (pea)-----	do-----		1		Tex.
† <i>Colletotrichum graminicola</i> (Ces.) G. W. Wils.:					
<i>Sorghum vulgare</i> (sorghum)-----	Ceylon-----			1	D.C.
<i>Coniella diplodiella</i> (Speg.) Petr. & Syd.:					
<i>Vitis</i> sp. (grape)-----	Denmark-----			1	Calif.*
† <i>Coniothecium citri</i> McAlp.(?):					
<i>Citrus limon</i> (lemon)-----	Italy-----		1		Tex.
† <i>Coniothecium scabrum</i> McAlp.:					
<i>Citrus paradisi</i> X <i>C. reticulata</i> (tangelo)-----	India-----	1			Hawaii.
<i>C. sinensis</i> (orange)-----	Australia-----		1		Hawaii.
† <i>Coniothyrium aucubae</i> Sacc.:					
<i>Aucuba japonica variegata</i> -----	Netherlands-----			1	N.J.
† <i>Coniothyrium concentricum</i> (Desm.) Sacc.:					
<i>Yucca filamentosa</i> (Adamsneedle yucca)-----	do-----			1	N.Y.
† <i>Coniothyrium cytisellum</i> (Pass. & Thuem.) Sacc.:					
<i>Laburnum</i> X <i>watereri</i> -----	Belgium-----			3	N.J.
<i>Coniothyrium globuliforme</i> Speg.:					
<i>Agave americana</i> (maguey)-----	Mexico-----	1			Tex.
<i>Opuntia</i> sp.-----	do-----			1	Tex.
† <i>Cordana musae</i> (Zimm.) Hoehn.:					
<i>Musa paradisiaca sapientum</i> (banana)-----	do-----	1			Calif.*
† <i>Corticium centrifugum</i> Bres.:					
<i>Pyrus communis</i> (pear)-----	Argentina-----		1		Pa.
† <i>Corynebacterium fascians</i> (Tilford) Dows.:					
<i>Dahlia</i> sp.-----	Switzerland-----			1	N.Y.
<i>Phlox</i> sp.-----	Netherlands-----			1	N.J.
<i>Corynespora cassicola</i> (Berk. & Curt.) Wei:					
<i>Chamaedorea</i> sp. (palm)-----	Mexico-----	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	2			Tex.
† <i>Coryneum carpophilum</i> (Lév.) Jauch:					
<i>Prunus persica</i> (peach)-----	Peru-----		1		Fla.
† <i>Criconeoides informe</i> (Micoletzky) Taylor:					
Plant—unidentified-----	Mexico-----			1	Tex.
<i>Criconeoides mutabile</i> Taylor:					
<i>Axonopus</i> sp. (carpet grass)-----	do-----			1	Tex.
Soil with <i>Jasminum</i> sp.-----	do-----			1	Tex.
Soil with <i>Narcissus</i> sp.-----	do-----			1	Tex.
Soil with potted plants-----	do-----			1	Tex.
Soil with tractor-----	do-----	1			Tex.
† <i>Cryptocline paradoxa</i> (deN.) Arx:					
<i>Hedera helix</i> 'Baltic'-----	Netherlands-----			1	N.J.
† <i>Curvularia geniculata</i> (Tracy & Earle) Boed. group:					
<i>Chamaedorea</i> sp. (palm)-----	Mexico-----	1			Tex.
<i>Curvularia lunata</i> (Wakk.) Boed.:					
<i>Gladiolus</i> sp.-----	Cuba-----	2			Fla.
† <i>Cytospora chrysosperma</i> Fr.:					
<i>Salix</i> sp. (willow)-----	Ireland-----			1	N.Y.
† <i>Cytospora palmicola</i> Berk. & Curt.:					
<i>Cocos nucifera</i> (coconut)-----	Mexico-----			1	Tex.
† <i>Cytospora sacchari</i> Butl.:					
<i>Saccharum officinarum</i> (sugarcane)-----	Argentina-----			1	D.C.
<i>Dendrophoma obscurans</i> (Ell. & Ev.) H. W. Anderson:					
<i>Fragaria</i> sp. (strawberry)-----	Czechoslovakia, †France, †Germany, †Netherlands.			7	N.J., N.Y.
<i>Diaporthe eres</i> Nits.:					
<i>Magnolia watsonii</i> (Watson magnolia)-----	Japan-----			2	Calif.*
† <i>Dinemasporium oryzae</i> I. Miyake:					
<i>Oryza sativa</i> (rice)-----	do-----	1			Calif.*
† <i>Diplodia barringtoniae</i> F. Tassi:					
<i>Barringtonia speciosa</i> (India barringtonia)-----	Philippines-----			1	N.Y.
† <i>Diplodia coccocarpa</i> Sacc.:					
<i>Cocos nucifera</i> (coconut)-----	Guam-----	1			Calif.*

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Diplodia oleae</i> Pegl.: <i>Olea europaea</i> (olive)-----	Lebanon-----	1	-----	-----	Mass.
† <i>Diplodia oryzae</i> I. Miyake: <i>Oryza sativa</i> (rice)-----	Japan-----	1	3	-----	Calif.*
† <i>Discohainesia oenotherae</i> (Cke. & Ell.) Nannf.: <i>Fragaria</i> sp. (strawberry)-----	Czechoslovakia-----	-----	-----	1	N.J.
<i>Ditylenchus destructor</i> Thorne: <i>Dahlia</i> 'Leander'-----	Germany-----	-----	-----	1	N.J.
<i>Dahlia</i> 'Mr. Henry'-----	†Union of South Africa-----	-----	-----	1	N.J.
<i>Dahlia</i> hybrids-----	do-----	-----	-----	2	N.J.
<i>Dahlia</i> sp.-----	Germany-----	-----	-----	1	N.J.
<i>Iris</i> sp.-----	England-----	-----	-----	1	N.Y.
<i>Ditylenchus destructor</i> Thorne(?): <i>Dahlia</i> 'Tenshin'-----	†Japan-----	-----	-----	1	N.J.
<i>Dahlia</i> sp.-----	†Czechoslovakia, France.	-----	-----	2	N.J.
<i>Ditylenchus dipsaci</i> (Kühn) Filip.: <i>Allium sativum</i> (garlic)-----	Argentina, Italy, Mexico, Netherlands, Spain.	8	2	-----	Ariz., La., N.Y., P.R.
<i>Narcissus bulbocodium</i> ssp. <i>romieuxii</i> -----	England-----	-----	-----	1	N.J.
<i>Narcissus</i> sp.-----	England, Italy-----	-----	-----	2	N.J., N.Y.
<i>Scilla sibirica</i> (Siberian squill)-----	Germany-----	-----	-----	1	N.Y.
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus aurantifolia</i> (sweet lime)-----	Brazil-----	-----	1	-----	Pa.
<i>C. limon</i> (lemon)-----	Argentina, Brazil-----	-----	12	-----	Calif.,* La., N.Y., Tex.
<i>C. reticulata</i> (Mandarin orange)-----	Argentina, Brazil, Paraguay, unknown.	1	10	-----	Fla., N.Y., Tex.
<i>C. sinensis</i> (orange)-----	Argentina, Brazil, unknown.	2	74	-----	Calif.,* Fla., La., Md., Mass., N.Y., Pa., Tex.
<i>Elsinoe mangiferae</i> Bitanc. & Jenkins: <i>Mangifera indica</i> (mango)-----	†Haiti, Mexico, Puerto Rico.	3	1	-----	Ga., N.Y., Tex.
† <i>Entomosporium maculatum</i> Lév.: <i>Amelanchier</i> sp. (serviceberry)-----	Canada-----	-----	-----	2	N.J.
<i>Entyloma oryzae</i> Syd. & P. Syd.: <i>Oryza sativa</i> (rice)-----	†Hong Kong, India, Japan, Mexico.	10	80	-----	Calif.,* Hawaii, Mass., N.Y., Tex.
<i>Erwinia citrimaculans</i> (Doidge) Magrou(?): <i>Citrus sinensis</i> (orange)-----	Africa (country(?))-----	-----	1	-----	Tex.
† <i>Eutypella cocos</i> Ferd. & Winge: <i>Cocos nucifera</i> (coconut)-----	British Samoa-----	4	-----	-----	Calif.*
<i>Fusarium oxysporum</i> Schlecht.: <i>Rudbeckia</i> sp. (coneflower)-----	Netherlands-----	-----	-----	1	N.Y.
† <i>Fusicladium eriobotryae</i> (Cav.) Sacc.: <i>Eriobotrya japonica</i> (loquat)-----	Greece-----	1	-----	-----	N.Y.
† <i>Gibbera compacta</i> (Pk.) Shear(?): <i>Beaucarnea</i> sp.-----	Mexico-----	-----	-----	1	Tex.
† <i>Gnomonia leptostyla</i> (Fr.) Ces. & deN.: <i>Juglans</i> sp. (walnut)-----	Germany-----	1	-----	-----	Tex.
<i>Gottholdsteineria goodeyi</i> (Loof & Oostenbrink) Andrassy: <i>Apium</i> sp. (celery)-----	†Norway-----	-----	1	-----	Calif.*
Soil with <i>Allium porrum</i> (leek)-----	†Germany-----	-----	1	-----	Md.
Soil with <i>Daucus carota</i> (carrot)-----	†Netherlands-----	-----	1	-----	Md.
Soil with plants-----	Ireland-----	-----	-----	1	Mass.
"Greasy spot": <i>Citrus sinensis</i> (orange)-----	Mexico-----	1	-----	-----	Tex.
<i>Citrus</i> sp.-----	do-----	1	-----	-----	Tex.
<i>Gymnosporangium haraeaeum</i> Syd.: <i>Juniperus chinensis</i> var. <i>sargentii</i> -----	Japan-----	-----	-----	1	Hawaii.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Helicotylenchus erythrinae</i> (Zimmermann) Golden:					
Soil	Canada	1			Mass.
Soil with <i>Juniperus</i> sp. and <i>Sorbus</i> sp.	†Finland			1	Mass.
Soil with plant	Italy			1	Mass.
Soil with <i>Solanum tuberosum</i> (potato)	Scotland			1	Mass.
<i>Helicotylenchus multicinctus</i> (Cobb) Golden:					
Soil with <i>Tradescantia fluminensis</i> (wandering-jew).	Mexico			1	Tex.
<i>Helicotylenchus nannus</i> Steiner:					
<i>Beta vulgaris</i> (beet)	†Ceylon		1		Mass.
Cactus	Mexico			1	Tex.
Soil	†American Virgin Islands, Mexico.	2			P.R., Tex.
Soil with <i>Begonia</i> sp.	Mexico			2	Tex.
Soil with bulbs	do			1	Tex.
Soil with <i>Gardenia augusta</i> (gardenia)	do			3	Tex.
Soil with <i>Hibiscus</i> sp.	do			1	Tex.
Soil with <i>Nerium oleander</i> (oleander)	do			1	Tex.
Soil with plants	do			6	Tex.
Soil with tractor	do	1			Tex.
† <i>Helminthosporium oryzae</i> B. de Haan:					
<i>Oryza sativa</i> (rice)	Hong Kong	1			Pa.
† <i>Hendersonia citri</i> McAlp.:					
<i>Citrus paradisi</i> (grapefruit)	Australia		1		Hawaii.
† <i>Hendersonia socia</i> McAlp.:					
<i>Citrus sinensis</i> (orange)	do		1		Hawaii.
<i>Heterodera avenae</i> (Wr.) Filip.:					
Soil	France	1			N.Y.
Soil with <i>Amaryllis</i> sp. and <i>Clivia</i> sp.	Germany			1	N.Y.
Soil with automobiles	England, Germany	4			Ala., Tex.
Soil with <i>Brassica napobrassica</i> (rutabaga)	Netherlands	1			Fla.
Soil with <i>Chrysanthemum</i> sp.	England			1	N.J.
Soil with <i>Dahlia</i> sp.	Czechoslovakia			1	N.J.
Soil with <i>Fragaria</i> sp. (strawberry)	Germany			1	D.C.
Soil with <i>Gladiolus</i> sp.	England			1	N.J.
Soil with orchid plant	†Portugal			1	Mass.
Soil with plants	England		1	2	Fla., Mass., N.Y.
Soil with <i>Ribes nigrum</i> and <i>R. rubrum</i>	Czechoslovakia			1	N.J.
Soil with <i>Solanum tuberosum</i> (potato)	Denmark, Japan		2		Tex.
<i>Heterodera cacti</i> Filip. & Schuurm. Stek.:					
Soil	Mexico	5	1		Ariz., Calif., Tex.
Soil with <i>Adiantum</i> sp. (maidenhair fern)	do			1	Tex.
Soil with <i>Agave</i> sp.	do			1	Ariz.
Soil with <i>Allium sativum</i> (garlic)	do	4			N.Y., Pa.
Soil with <i>Asparagus sprengeri</i>	do			1	Tex.
Soil with <i>Begonia</i> sp.	do	1		4	Tex.
Soil with <i>Bellis</i> sp. (daisy)	do			1	Tex.
Soil with bulbs, plants, and tubers	do			1	Tex.
Soil with cactus plants	†Austria, France, Germany, Mexico, Switzerland.		1	47	Calif.,* Ill., Mass., N.J., N.Y., Tex.
Soil with <i>Caladium</i> sp.(?)	Mexico			1	Tex.
Soil with <i>Capsicum frutescens</i> (pepper)	do			1	Tex.
Soil with <i>Cereus</i> sp. (cactus)	†Netherlands			1	N.J.
Soil with <i>Chrysanthemum parthenium</i> (feverfew) and <i>Mentha</i> sp. (mint).	Mexico			1	Tex.
Soil with <i>Coleus</i> sp.	do			1	Tex.
Soil with <i>Cymbopogon citratus</i> (lemongrass)	do			1	Tex.
Soil with <i>Dianthus caryophyllus</i> (carnation)	do			1	Tex.
Soil with <i>Epidendrum</i> sp. (orchid)	†Brazil			1	D.C.
Soil with fern plants	Mexico			2	Tex.
Soil with <i>Gardenia augusta</i>	do	1			Tex.
Soil with <i>Gossypium</i> sp. (cotton)	do			1	Tex.

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<i>Heterodera cacti</i> Filip. & Schuerm. Stek.—Con.					
Soil with <i>Gypsophila</i> sp.	Mexico	1			Tex.
Soil with <i>Jasminum</i> sp.	do			1	Tex.
Soil with <i>Lilium</i> sp. (lily)	do			1	Tex.
Soil with <i>Mammillaria</i> sp. (cactus)	do			1	Ariz.
Soil with <i>Matthiola</i> sp. (stock) and <i>Zebrina</i> sp.	do			1	Tex.
Soil with <i>Mentha</i> sp. (mint)	do			2	Ill., Tex.
Soil with <i>Pelargonium</i> sp. (geranium)	do			2	Tex.
Soil with <i>Pelargonium</i> sp. and <i>Verbena</i> sp.	do			1	Ariz.
Soil with <i>Pilea</i> sp.	do			1	Tex.
Soil with plants	England, Mexico	2		42	Ariz., Mass., Tex.
Soil with railway car	Mexico		13		Ariz., Tex.
Soil with roots	do	1			Tex.
Soil with <i>Rosa</i> sp.	do			1	Ariz.
Soil with <i>Rumex</i> sp. (dock)	do			1	D.C.
Soil with <i>Selaginella</i> sp.	do			1	Tex.
Soil with <i>Solanum tuberosum</i> (potato)	do		4		Calif., Tex.
Soil with succulent plants	do			3	Tex.
Soil with truck	do	1			Tex.
Soil with <i>Zebrina pendula</i>	do			1	Tex.
Soil with <i>Zephyranthes</i> sp. (zephyrlily)	do			2	Ariz., Tex.
† <i>Heterodera humuli</i> Filip.(?):					
Soil with <i>Humulus</i> sp. (hop)	Yugoslavia			1	D.C.
<i>Heterodera punctata</i> Thorne:					
Soil	Germany	1			Ala.
Soil with automobiles	England, France, Germany, Italy.	12			Ala., Fla., Md., Mass., N.Y., Tex.
Soil with cactus plant	Mexico			1	Tex.
Soil with <i>Calluna vulgaris</i> (heather)	Scotland			1	N.Y.
Soil with <i>Chrysanthemum</i> sp.	England			1	N.J.
Soil with <i>Cyclamen</i> sp.	do			1	N.J.
Soil with <i>Dahlia</i> sp.	do			1	N.J.
Soil with earth-moving equipment	do		1		Tex.
Soil with <i>Hedera</i> sp. (ivy)	England, Germany			2	N.Y.
Soil with <i>Hevea brasiliensis</i>	Mexico			1	Ariz.
Soil with <i>Juniperus</i> sp. and miscellaneous perennials.	England			1	N.J.
Soil with <i>Kalanchoe</i> sp.	Germany			1	Mass.
Soil with <i>Mentha</i> sp. (mint)	Mexico			1	Ill.
Soil with plants	England, Ireland, Mexico.		1	4	Fla., Mass., Tex.
Soil with <i>Solanum tuberosum</i> (potato)	England, Germany	1	2		N.Y., S.C., Tex.
Soil with <i>Viola</i> sp. (violet)	Ireland			1	N.Y.
† <i>Heterodera punctata</i> Thorne(?):					
Soil with <i>Dioscorea</i> sp. (yam)	Japan		1		Calif.*
<i>Heterodera rostochiensis</i> Wr.:					
Soil	England, Mexico, Sweden.	3			Mich., Tex., Wash.
Soil with <i>Amaryllis</i> sp.	Mexico			1	Tex.
Soil with <i>Amaryllis</i> sp. and <i>Cereus</i> sp.	Sweden			1	N.Y.
Soil with automobiles	France, Germany	9			Ala., Fla., Tex.
Soil with <i>Beaucarnea</i> sp.(?)	Mexico			1	Tex.
Soil with <i>Begonia</i> sp.	do	1		1	Tex.
Soil with <i>Begonia</i> sp. and <i>Pelargonium</i> sp.	England			1	N.Y.
Soil with <i>Beta vulgaris</i> (beet)	do		1		Tex.
Soil with <i>Brassica napobrassica</i> (rutabaga)	Netherlands		1		Fla.
Soil with cactus plant	England, Mexico		1	1	Pa., Tex.
Soil with <i>Calluna vulgaris</i> (heather)	England, Scotland			6	Calif.,* N.Y.
Soil with <i>Coleus</i> sp.	England			1	Mass.
Soil with <i>Crinum</i> sp. and <i>Strelitzia</i> sp.	Mexico			1	Fla.
Soil with <i>Dahlia</i> sp.	Germany			1	N.Y.
Soil with <i>Dahlia</i> sp. and <i>Pelargonium</i> sp.	England			1	Mass.

See footnotes at end of this list.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Heterodera rostochiensis</i> Wr.—Con. Soil with <i>Daucus carota</i> (carrot).....	France, Norway, Sweden.	-----	3	-----	Fla., Tex.
Soil with <i>Dianthus caryophyllus</i>	Ireland.....	-----	-----	1	N.Y.
Soil with fern.....	Mexico.....	-----	-----	1	Tex.
Soil with fern, <i>Rosa</i> sp., and unidentified plants.	Azores.....	-----	-----	1	Mass.
Soil with <i>Ficus elastica</i> (Indiarubber fig).....	Mexico.....	-----	-----	1	Tex.
Soil with <i>Fragaria</i> sp. (strawberry).....	Germany.....	-----	-----	1	N.J.
Soil with <i>Gladiolus</i> sp.....	England.....	-----	-----	1	N.J.
Soil with <i>Hedera helix</i> (English ivy).....	Germany.....	-----	-----	1	N.Y.
Soil with <i>Hydrangea</i> sp.....	England.....	-----	-----	1	N.Y.
Soil with <i>Ipomoea batatas</i> (sweetpotato).....	Peru.....	-----	1	-----	Tex.
Soil with <i>Lycopodium</i> sp. (clubmoss).....	England.....	-----	-----	1	N.Y.
Soil with <i>Mentha piperita</i> (peppermint).....	Germany.....	-----	-----	1	Ill.
Soil with <i>Mentha</i> sp. (mint).....	England.....	-----	-----	1	Mass.
Soil with <i>Monanthochloe littoralis</i> (shoregrass).....	Mexico.....	-----	-----	1	Tex.
Soil with <i>Myrtus</i> sp. (myrtle).....	Germany.....	-----	-----	1	N.Y.
Soil with orchid plant.....	Mexico.....	-----	-----	1	Tex.
Soil with <i>Picea</i> sp. (spruce).....	Germany.....	-----	-----	1	Pa.
Soil with plants.....	England, Germany, Mexico.	-----	1	9	Fla., N.Y., Tex.
Soil with <i>Sedum</i> sp.....	Belgium.....	-----	-----	1	Ill.
Soil with <i>Solanum tuberosum</i> (potato).....	Argentina, Canary Islands, England, Mexico, Poland, Scotland, unknown.	1	14	-----	Fla., La., Mass., N.J., S.C., Tex.
Soil with succulent plant.....	England.....	-----	-----	1	N.Y.
Soil with tanks.....	Germany.....	1	-----	-----	Pa.
Soil with <i>Tradescantia</i> sp. and <i>Viola</i> sp.....	do.....	-----	-----	1	N.J.
Soil with <i>Tulipa</i> sp.....	England.....	-----	-----	1	Mass.
Soil with <i>Viola</i> sp. (pansy).....	Ireland.....	-----	-----	1	N.Y.
<i>Heterodera rostochiensis</i> Wr.(?): Soil with <i>Solanum tuberosum</i> (potato).....	Ecuador.....	-----	1	-----	Calif.*
† <i>Heteropatella setulosa</i> Hino & Katumoto: <i>Bambusa</i> sp. (bamboo).....	China, Formosa.....	3	-----	-----	Calif.*
† <i>Hoplolaimus proporicus</i> J. B. Goodey: Soil with <i>Chamaedorea</i> sp. (palm).....	Nicaragua.....	-----	-----	1	Tex.
† <i>Hypoxyton mediterraneum</i> (deN.) J. H. Miller: <i>Euphoria</i> sp.....	Hong Kong.....	-----	-----	1	Hawaii.
"Leprosis": <i>Citrus reticulata</i> (Mandarin orange).....	Mexico.....	1	-----	-----	Tex.
† <i>Leptosphaeria obtusispora</i> Speg.: <i>Yucca</i> sp.....	do.....	-----	-----	1	Tex.
† <i>Leptosphaeria oryzina</i> Sacc.: <i>Oryza sativa</i> (rice).....	Hong Kong, India.....	1	1	-----	Calif.*
† <i>Leptosphaeria protearum</i> Syd.: <i>Protea</i> sp.....	Union of South Africa.....	1	-----	1	Tex., Va.
† <i>Leptothyrium gentianicola</i> (DC.) (Baumler: <i>Gentiana acaulis</i> (stemless gentian).....	France.....	1	-----	-----	N.J.
† <i>Lophodermium arundinaceum</i> (Fr.) Chev.: <i>Phalaris</i> sp. (?).....	Germany.....	1	-----	-----	La.
† <i>Lophodermium maculare</i> (Fr.) deN.: <i>Quercus</i> sp. (oak).....	Mexico.....	-----	1	-----	Tex.
<i>Macrophoma araucariae</i> De Lac.: <i>Araucaria excelsa</i> (Norfolk-Island-pine).....	Australia, †Hawaii, †New Zealand, Norfolk Island.	-----	-----	7	Calif.*
† <i>Macrophoma cocos</i> Pass.: <i>Cocos nucifera</i> (coconut).....	British Samoa, Philippines.	16	-----	-----	Calif.*
† <i>Macrophoma fraxini</i> Del.: <i>Fraxinus excelsior</i> 'Weeping' (European ash).....	England.....	-----	-----	1	N.J.
† <i>Macrophoma oleae</i> (DC.) Berl. & Vogl.: <i>Olea europaea</i> (olive).....	Mexico.....	1	-----	-----	Ariz.
† <i>Marmor rosae</i> Holmes: <i>Rosa</i> sp.....	Guatemala.....	2	-----	-----	Fla.
† <i>Marmor scillearum</i> Smith & Brierley: <i>Ornithogalum thyrsoides</i> (Cape chinkerichee).....	Netherlands.....	1	-----	-----	N.J.

See footnotes at end of this list.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Marssonina fragariae</i> (Sacc.) Kleb.: <i>Fragaria</i> sp. (strawberry)	Japan			1	D.C.
† <i>Marssonina juglandis</i> (Lib.) Magn.: <i>Juglans</i> sp. (walnut)	Germany	1			Tex.
† <i>Meliola citricola</i> Syd.: <i>Citrus sinensis</i> (orange)	Hawaii(?)		1		Calif.*
<i>Meloidogyne arenaria</i> (Neal) Chitwood:					
<i>Agapanthus africanus</i>	Argentina			1	Fla.
<i>Alocasia macrorrhiza</i> (giant alocasia)	Mexico			1	Tex.
<i>Begonia</i> sp.	do			1	Tex.
<i>Beta vulgaris</i> (beet)	Peru		1		Md.
<i>Bletilla hyacinthina</i> (orchid)	Japan			1	N.Y.
<i>Caladium candidum</i>	Guatemala			2	N.J.
<i>Caladium</i> sp.	Mexico			1	Tex.
<i>Calla</i> sp.	Argentina			1	La.
<i>Clematis</i> sp.	Netherlands			1	N.Y.
<i>Codiaeum</i> sp.	†Hong Kong			1	Calif.*
<i>Colocasia</i> sp.	Guatemala			1	Tex.
<i>Dahlia pinnata</i> (Aztec dahlia)	Japan			1	Wash.
<i>Gentiana septemfida</i>	†England			1	N.Y.
<i>Gladiolus</i> 'Morning Kiss'	Japan			1	Calif.*
<i>Gladiolus</i> sp.	do			1	Calif.*
<i>Hosta</i> spp.	do			1	N.J.
<i>Iris kaempferi</i> (Japanese iris)	do			1	Calif.*
Soil with roots of palm	Mexico			1	Tex.
<i>Solanum tuberosum</i> (potato)	Chile, Peru		2		La., Pa.
<i>Wisteria</i> sp.	†Spain			1	N.Y.
<i>Zantedeschia aethiopica</i> (callalily)	Argentina			1	Fla.
<i>Zingiber</i> sp. (ginger)	Mexico			1	Tex.
<i>Meloidogyne arenaria</i> (Neal) Chitwood(?): <i>Gladiolus</i> sp.	Japan			1	Wash.
<i>Meloidogyne arenaria</i> (Neal) Chitwood <i>thamesi</i> Chitwood:					
<i>Gladiolus</i> 'Edith Cole'	do			1	Calif.*
<i>Gladiolus</i> 'Elizabeth The Queen'	do			3	Calif.*
<i>Gladiolus</i> 'Firebrand'	do			2	Calif.*
<i>Gladiolus</i> 'Friendship'	do			1	Calif.*
<i>Gladiolus</i> 'Hopman's Glory'	do			1	Calif.*
<i>Gladiolus</i> 'Morning Kiss'	do			1	Calif.*
<i>Gladiolus</i> 'New Japan'	do			1	Calif.*
<i>Gladiolus</i> 'Red Charm'	do			1	Calif.*
<i>Gladiolus</i> 'Snow Princess'	do			2	Calif.*
<i>Gladiolus</i> 'Spic and Span'	do			4	Calif.*
<i>Gladiolus</i> 'Spotlight'	do			3	Calif.*
<i>Gladiolus</i> 'Valeria'	do			4	Calif.*
<i>Gladiolus</i> 'White Gold'	do			1	Calif.*
<i>Gladiolus</i> sp.	do			6	Calif.*
<i>Meloidogyne arenaria</i> (Neal) Chitwood <i>thamesi</i> Chitwood(?): <i>Agapanthus</i> sp.	†Mexico			1	Fla.
<i>Dahlia</i> 'Clara Cader' and 'Zonnegoud'	Japan			1	N.J.
<i>Meloidogyne hapla</i> Chitwood:					
<i>Aconitum napellus</i> (aconite monkshood)	Netherlands			1	N.Y.
<i>Aconitum</i> sp.	England			2	N.Y.
<i>Ajuga reptans</i> 'Harlequin' (multicolor carpet bugle).	Netherlands			1	N.Y.
<i>Anaphalis triplinervis</i>	do			1	N.Y.
<i>Anemone japonica</i> 'Queen Charlotte' and 'Margarethe'.	do			1	N.J.
<i>Clematis</i> sp.	Canada, Germany, Netherlands.			4	N.Y., Wash.
<i>Dahlia pinnata</i> (Aztec dahlia)	Japan			1	Wash.
<i>Dahlia</i> sp.	do			1	Calif.*
<i>Daucus carota</i> (carrot)	do		1		Wash.
<i>Delphinium</i> sp.	Netherlands			1	N.Y.
<i>Epimedium</i> sp.	Japan			1	N.J.
<i>Gentiana asclepiadea</i> (milkweed gentian)	England			1	N.Y.
<i>G. septemfida lagodechiana</i>	Netherlands			1	N.J.
<i>Geranium endressii</i>	do			1	N.Y.
<i>Helianthus</i> sp.	†New Zealand			1	Calif.*

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Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Meloidogyne hapla</i> Chitwood—Con.					
<i>Heuchera</i> 'Pruhoniciana' and 'Red Spangles'	England			1	N.J.
<i>Leontopodium</i> sp. (edelweiss)	†Czechoslovakia			1	N.J.
<i>Paeonia</i> spp.	England			1	N.J.
<i>Pyrethrum</i> 'J. N. Twerdy,' 'Mont Blanc,' and 'Princess May.'	do			1	N.J.
<i>Rosa multiflora</i> var. <i>japonica</i>	Netherlands			1	N.J.
<i>Rosa</i> sp.	†Spain			2	N.Y.
<i>Scabiosa</i> sp.	England			1	N.Y.
<i>Solanum tuberosum</i> (potato)	†Chile		1		Calif.*
<i>Stachys</i> sp. (betony)	Netherlands			1	N.Y.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood:					
<i>Alocasia</i> sp.	Mexico			1	Tex.
<i>Anthurium</i> sp.	†Barbados			1	N.J.
<i>Begonia</i> sp.	Dominican Republic			1	Fla.
<i>Beta vulgaris</i> (beet)	Mexico	4			Tex.
<i>Dahlia</i> sp.	Japan			1	Calif.*
<i>Dioscorea</i> sp. (yam)	†Honduras	1			N.Y.
<i>Dracaena</i> sp.	Mexico			1	Tex.
<i>Excoecaria crenulata</i>	Japan			1	D.C.
<i>Gladiolus</i> 'Firebrand'	do			2	Calif.*
<i>Gladiolus</i> 'Purple Supreme'	do			1	Calif.*
<i>Gladiolus</i> 'Snow Princess'	do			2	Calif.*
<i>Gladiolus</i> 'Spic and Span'	do			2	Calif.*
<i>Gladiolus</i> sp.	do			1	Calif.*
<i>Lilium</i> sp. (?)	Mexico			1	Calif.
<i>Maranta</i> sp. (arrowroot)	do			1	Tex.
<i>Raphanus sativus</i> (radish)	do	1			Tex.
Soil with root	Trinidad			1	P.R.
<i>Solanum bulbocastanum</i>	Mexico			1	D.C.
<i>S. tuberosum</i> (potato)	Argentina		1		Tex.
<i>Zantedeschia aethiopica</i> (callalily)	Germany			1	N.J.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood <i>acrita</i> Chitwood.					
<i>Agapanthus africanus</i>	Japan			2	N.J.
<i>Alocasia</i> sp.	Mexico			1	Tex.
<i>Aralia</i> sp.	do			1	Tex.
<i>Astilbe</i> 'Koblenz' and 'Red Sentinel'	†Netherlands			1	N.J.
<i>Beloperone</i> sp.	†Hong Kong			1	Calif.*
<i>Beta vulgaris</i> (beet)	†Ceylon, France, Italy, Mexico.	1	3		Mass., N.Y., Tex.
Cactus	†Netherlands			1	N.J.
<i>Cichorium intybus</i> (escarole)	French West Africa		1		Mass.
<i>Dioscorea</i> sp. (yam)	Japan		1		Pa.
<i>Dracaena</i> sp.	Mexico			1	Tex.
<i>Epimedium pinnatum</i>	England			1	N.J.
<i>Episcia</i> sp.	†Hong Kong			1	Calif.*
<i>Gerbera</i> sp.	Trinidad			1	Fla.
<i>Gladiolus</i> 'Snow Princess'	Japan			1	Calif.*
<i>Gladiolus</i> 'Spic and Span'	do			1	Calif.*
<i>Heliconia</i> sp.	Cuba			1	Fla.
<i>Hosta</i> spp.	Japan			1	N.J.
<i>Lactuca sativa</i> (lettuce)	French West Africa		1		Mass.
<i>Salix babylonica</i> (Babylon weeping willow)	Brazil			1	D.C.
<i>Sansevieria trifasciata</i> var. <i>laurentii</i> (Congo snake sansevieria).	Mexico			1	Tex.
Soil with <i>Vitis</i> sp. (grape)	do			1	Tex.
<i>Solanum tuberosum</i> (potato)	†Argentina, Brazil, Chile, Cuba, Egypt, Mexico, †Spain.	1	10		La., N.Y., Pa., Tex.
<i>Vinca</i> sp.	England			1	N.Y.
<i>Zingiber officinale</i> (ginger)	Canal Zone			1	Fla.
<i>Meloidogyne javanica</i> (Treub.) Chitwood:					
<i>Agapanthus africanus</i>	†Argentina			1	Fla.
<i>Arum</i> sp.	Cuba	1			N.Y.
<i>Beta vulgaris</i> (beet)	Australia, Union of South Africa.		3		La., Mass., Pa.
<i>Brassica rapa</i> (turnip)	Mexico	1			Tex.
<i>Cichorium intybus</i> (chicory)	French West Africa		1		Mass.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Mcloidogyne javanica</i> (Treub.) Chitwood—Con.					
<i>Colocasia esculenta</i> (dasheen)	Cuba		2		Ia.
<i>Colocasia</i> sp.	do	1			N.Y.
<i>Dahlia</i> 'Sister Kenny'	Australia			1	Calif.*
<i>Dahlia</i> sp.	Australia, Japan, Union of South Africa.			4	Calif.,* Wash.
<i>Daucus carota</i> (carrot)	Japan		1		Calif.*
<i>Dioscorca</i> sp. (yam)	Puerto Rico	1			P.R.
<i>Freesia</i> sp.	Italy			1	N.Y.
<i>Gerbera</i> sp.	India, †Trinidad, Union of South Africa.			3	Fla., N.Y.
<i>Gladiolus</i> 'Leewuenhorst'	Israel			1	N.Y.
<i>Hydrosme rivieri</i> (devilstongue)	India			1	Fla.
<i>Jasminum</i> sp.	†Algeria, Hong Kong			2	Calif.,* N.J.
<i>Phajus</i> sp.	Brazil			1	Fla.
<i>Polianthes tuberosa</i> (tuberose)	Italy			1	N.Y.
<i>Polianthes</i> sp.	India			1	Calif.*
<i>Scilla kraussii</i>	Union of South Africa			1	N.J.
<i>Solanum tuberosum</i> (potato)	Italy		1		N.Y.
<i>Xanthosoma sagittaeifolium</i> (yautia malanga)	Puerto Rico	1			P.R.
<i>Zingiber</i> sp. (ginger)	†New Guinea			1	Calif.*
<i>Zingiberaceae</i>	†Colombia			1	Tex.
† <i>Micropeltis bakeri</i> (Syd.) Cash & Watson:					
<i>Epidendrum strobilii</i> (orchid)	Ecuador			1	Calif.*
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Malus sylvestris</i> (apple)	Italy	1			N.Y.
† <i>Mycosphaerella cattleyae</i> Cash & Watson:					
<i>Cattleya</i> sp. (orchid)	British Honduras			1	Fla.
† <i>Mycosphaerella fragariae</i> (Tul.) Lindau:					
<i>Fragaria</i> sp. (strawberry)	Belgium			1	Ill.
<i>Mycosphaerella hondai</i> I. Miyake:					
<i>Oryza sativa</i> (rice)	Japan		2		Calif.*
† <i>Mycosphaerella oryzae</i> (Catt.) I. Miyake:					
<i>Oryza sativa</i> (rice)	do		3		Calif.*
<i>Mycosphaerella schoenoprasii</i> (Rab.) Schroet.:					
<i>Allium fistulosum</i> (Welsh onion)	do		8		Pa.
<i>A. porrum</i> (leek)	do		7		Calif.*
† <i>Nematospora coryli</i> Pegl.:					
<i>Phaseolus</i> sp.	Peru	1			D.C.
† <i>Neocosmospora vasinfecta</i> E. F. Sm.:					
<i>Arachis hypogaea</i> (peanut)	Paraguay			1	D.C.
<i>Neovossia horrida</i> (Tak.) Padw. & A. Khan:					
<i>Oryza sativa</i> (rice)	Japan		23		Calif.*
† <i>Nigrospora oryzae</i> (Berk. & Br.) Petch:					
<i>Oryza sativa</i> (rice)	do		109		Calif.*
<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Oryza sativa</i> (rice)	†Hong Kong	1			Calif.*
<i>Triticum aestivum</i> (wheat)	Japan		2		Calif.*
<i>Triticum</i> sp.	do		5		Calif.*
† <i>Oligostroma proteae</i> Syd.:					
<i>Protea</i> sp.	Union of South Africa	1			N.Y.
<i>Oospora pustulans</i> Owen & Wakef.:					
<i>Solanum tuberosum</i> (potato)	Denmark, Sweden		1	1	N.Y., Ohio.
† <i>Papularia sphaerosperma</i> (Lk.) Hoehn.:					
<i>Bambuseae</i>	Okinawa			1	Hawaii.
† <i>Papulaspora parasitica</i> (Eidam) Harz:					
<i>Armoracia rusticana</i> (horseradish)	Denmark		1		Calif.*
† <i>Pestalotia bromeliicola</i> Speg.:					
<i>Bromeliad</i>	Mexico			1	Tex.
† <i>Pestalotia cycadis</i> Allesch.:					
<i>Cycad</i>	Japan			1	Fla.
<i>Phlyctaena vagabunda</i> Desm.:					
<i>Malus sylvestris</i> (apple)	Italy		1		Pa.
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus aurantifolia</i> (lime)	Australia, Japan		2		Calif.,* Hawaii.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Phoma citricarpa</i> McAlp.—Continued					
<i>C. limon</i> (lemon)-----	Australia, Mozambique, Union of South Africa, unknown.	-----	27	-----	Calif.,* Hawaii, Md., Mass., Pa.
<i>C. paradisi</i> (grapefruit)-----	Japan, Union of South Africa.	-----	3	-----	Calif.,* N.Y.
<i>C. reticulata</i> (Mandarin orange)-----	China, Formosa, Hong Kong, India(?), Japan, †Okinawa, Philippines.	33	7	-----	Calif.,* Hawaii, N.Y.
<i>C. reticulata unshiu</i> (Satsuma orange)-----	China-----	1	-----	-----	Wash.
<i>C. sinensis</i> (orange)-----	Africa (country(?)), †Argentina, Australia, Brazil, China, †Eniwetok, Federation of Malaya, Formosa, Hong Kong, Japan, Mozambique, Okinawa, Philippines, Singapore, Union of South Africa, unknown, †Vietnam(?).	41	81	-----	Ala., Calif.,* Hawaii, Ill., La., Md., Mass., N.J., N.Y., Ohio, Pa., P.R., S.C., Tex.
<i>Citrus</i> sp.-----	Hong Kong, Japan, unknown.	34	1	-----	D.C., Fla., Hawaii, Ill., Mass., Tex.
† <i>Phoma importata</i> (Nits.) Sacc.: <i>Lycium</i> sp.-----	Argentina-----	1	-----	-----	N.Y.
† <i>Phoma insidiosa</i> Tassi: <i>Sorghum vulgare</i> (sorghum)-----	Tanganyika-----	-----	-----	1	Ill.
<i>Phoma japonica</i> Sacc.: <i>Kerria japonica</i> -----	Netherlands-----	-----	-----	1	N.J.
† <i>Phoma oryzae</i> Cke. & Mass.: <i>Oryza sativa</i> (rice)-----	Japan-----	-----	2	-----	Calif.*
† <i>Phomopsis camelliae</i> F. Tassi: <i>Camellia japonica</i> (camellia)-----	do-----	-----	-----	1	Fla.
<i>Phomopsis cinerescens</i> (Sacc.) Trav.(?): <i>Ficus elastica</i> 'Decora'-----	Mexico-----	-----	-----	1	Tex.
† <i>Phomopsis euphorbiae</i> (Sacc.) Trav.: <i>Codiaeum</i> sp.-----	Hawaii-----	-----	1	-----	Calif.*
† <i>Phomopsis heveae</i> (Petch) Boed.: <i>Hevea</i> sp. (rubbertree)-----	Federation of Malaya-----	-----	-----	1	Fla.
<i>Phomopsis pustulata</i> Died.: <i>Acer cissifolium</i> -----	Netherlands-----	-----	-----	1	N.Y.
† <i>Phyllachora shiraiana</i> Syd.: Bamboo-----	Japan-----	1	-----	-----	Hawaii.
† <i>Phyllosticta andromedae</i> Westd.: <i>Pieris japonica</i> -----	Netherlands-----	-----	-----	1	N.Y.
† <i>Phyllosticta congesta</i> Heald & Wolf: <i>Prunus domestica</i> (plum)-----	Mexico-----	1	-----	-----	Tex.
† <i>Phyllosticta decidua</i> Ell. & Kell.(?): <i>Mentha</i> sp. (mint)-----	do-----	-----	-----	1	Ill.
† <i>Phyllosticta fragaricola</i> Desm. & Rob.: <i>Fragaria</i> sp. (strawberry)-----	Czechoslovakia-----	-----	-----	1	N.J.
† <i>Phyllosticta hederacea</i> (Arc.) Allesch.: <i>Hedera helix</i> 'Hibernica' (Irish ivy)-----	Netherlands-----	-----	-----	1	N.J.
† <i>Phyllosticta innumerabilis</i> Pk.: <i>Amelanchier</i> sp. (serviceberry)-----	Canada-----	-----	-----	1	N.J.
† <i>Phyllostictina psidiicola</i> Petr.: <i>Psidium guajava</i> (guava)-----	Philippines-----	1	-----	-----	Hawaii.
<i>Phytophthora mexicana</i> Hotson & Hartge(?): <i>Lycopersicon esculentum</i> (tomato)-----	Mexico-----	1	-----	-----	Tex.
† <i>Pleospora herbarum</i> (Fr.) Rab.: <i>Allium</i> sp.-----	Turkey-----	-----	-----	1	N.Y.
<i>Citrus sinensis</i> (orange)-----	Lebanon-----	-----	1	-----	Pa.

See footnotes at end of this list.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Pratylenchus brachyurus</i> (Godfrey) Goodey: Soil with roots of miscellaneous plants	†British Honduras			1	Fla.
<i>Solanum tuberosum</i> (potato)	Brazil		1		N.Y.
† <i>Pratylenchus coffeae</i> (Zimmermann) Goodey: <i>Dahlia</i> sp.	Union of South Africa			2	N.J.
† <i>Pratylenchus convallariae</i> Seinhorst: <i>Convallaria majalis</i> (lily-of-the-valley)	Denmark, England			3	Calif.,* N.Y.
<i>Pratylenchus penetrans</i> (Cobb) Sher & Allen: <i>Chrysanthemum</i> sp.	†England, †France			2	N.Y.
<i>Clematis</i> sp.	Netherlands			2	N.Y.
<i>Dahlia</i> 'Beryc Jean,' 'Bonythorn,' 'Empire Sport,' and 'Jan.'	†Australia			1	N.J.
<i>Dahlia</i> 'Mullers Dream'	†Union of South Africa			1	N.J.
<i>Dahlia</i> sp.	do			1	N.Y.
<i>Delphinium</i> sp.	Netherlands			1	N.Y.
<i>Mentha</i> sp. (mint)	†Germany			1	N.Y.
<i>Phlox</i> sp.	Netherlands			1	N.Y.
Soil with <i>Begonia</i> sp.	Azores			1	Mass.
Soil with <i>Chrysanthemum</i> sp.	Germany			1	Md.
<i>Pratylenchus pratensis</i> (de Man) Filip.: <i>Dahlia</i> sp.	†Canada			1	Mass.
Plants—unidentified	Mexico			1	Tex.
Soil with <i>Gardenia augusta</i>	do			1	Tex.
<i>Pseudomonas marginalis</i> (N. A. Brown) F. L. Stevens: <i>Cichorium endivia</i> (endive)	Belgium	1			N.Y.
† <i>Pseudopeziza medicaginis</i> (Lib.) Sacc.: <i>Medicago sativa</i> (alfalfa)	Chile	1			Fla.
<i>Psilenchus hilarulus</i> de Man: Soil with <i>Asparagus plumosus</i> (fern asparagus)	Mexico			1	Ariz.
Soil with cactus	do			1	Tex.
Soil with plants	do			2	Tex.
† <i>Puccinia antirrhini</i> Diet. & Holw.: <i>Antirrhinum majus</i> (snapdragon)	Israel	1			N.Y.
† <i>Puccinia arachidis</i> Speg.: <i>Arachis hypogaea</i> (peanut)	Paraguay			3	D.C.
<i>Puccinia arenariae</i> (Schum.) Wint.: <i>Dianthus barbatus</i> (Sweetwilliam)	England, Netherlands	1		1	Mass., N.Y.
† <i>Puccinia carthami</i> Cda.: <i>Carthamus tinctorius</i> (safflower)	Portugal			1	D.C.
† <i>Puccinia cynodontis</i> Desm.: <i>Cynodon</i> 'Skaaplaas'	Union of South Africa			1	N.J.
<i>Puccinia horiana</i> P. Henn.: <i>Chrysanthemum morifolium</i>	Japan	2			Hawaii, Wash.
<i>Chrysanthemum</i> sp.	†Australia, Japan	18	13		Hawaii, Wash.
† <i>Puccinia iridis</i> Rab.: <i>Iris foetidissima</i> (Gladwin iris)	Netherlands			1	N.J.
† <i>Puccinia laguri</i> Jaap: <i>Lagurus ovatus</i> (grass)	Spain	1			Pa.
† <i>Puccinia psidii</i> Wint.: <i>Pimenta</i> sp., probably <i>P. officinalis</i>	Jamaica	1			Fla.
<i>Puccinia striiformis</i> West.: <i>Bromus</i> sp. (brome)	Afghanistan			1	D.C.
<i>Triticum</i> sp.	Japan	1			Hawaii.
† <i>Puccinia thaliae</i> Diet.: <i>Canna</i> sp.	British Guinea			1	Fla.
<i>Puccinia urbaniana</i> P. Henn.: <i>Stachytarpheta jamaicensis</i>	Puerto Rico	1			Ill.
† <i>Puccinia violae</i> (Schum.) DC.: <i>Viola</i> 'Mrs. Chichester' and 'Mrs. Gordon'	Scotland			1	N.J.
† <i>Radopholus similis</i> (Cobb) Thorne: <i>Musa rosacea</i> (India banana)	Hawaii			1	Calif.*
† <i>Radopholus similis</i> (Cobb) Thorne(?): Soil with miscellaneous plant roots	Panama			1	Fla.
† <i>Ramularia celastri</i> Ell. & G. Martin: <i>Celastrus</i> sp. (bittersweet)	Canada	1			Mich.

See footnotes at end of this list.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Ramularia primulae</i> Thuem.: <i>Primula</i> sp. (primrose).....	Germany.....			1	Mich.
† <i>Ramularia tulasnei</i> Sacc.: <i>Fragaria</i> sp. (strawberry).....	Italy.....			1	N.Y.
† <i>Ravenelia leucaenae</i> Long: <i>Leucaena glauca</i>	Mexico.....	1			Tex.
<i>Ravenelia papillifera</i> Syd.: <i>Cassia lindheimeriana</i>	do.....	1			Ariz.
† <i>Rhizoctonia microsclerotia</i> Matz(?): <i>Ornithogalum thyrsoides</i> (Cape chinkerichee).....	Netherlands.....			1	N.Y.
Ring spot virus: <i>Citrullus vulgaris</i> (watermelon).....	Mexico.....	1			Ariz.
<i>Rotylenchus robustus</i> (de Man) Filip.: <i>Apium graveolens</i> (celery).....	†France, Germany.....		2		Calif.,* Md.
Soil with <i>Mentha</i> sp. (mint).....	England.....			1	Mass.
Soil with <i>Thuja</i> sp. (arborvitae).....	†Azores.....			1	Mass.
† <i>Scirrhia rimosa</i> (Alb. & Schw.) Fekl.: <i>Phragmites</i> sp. (reed).....	Germany.....	1			Ala.
<i>Scutellonema brachyurum</i> (Steiner) Andrassy: <i>Sansevieria</i> sp.	Mexico.....			1	Tex.
Soil with <i>Begonia</i> sp. and fern.....	do.....			1	Tex.
Soil with <i>Begonia</i> sp., <i>Dianthus caryophyllus</i> , and <i>Rosa</i> sp.	Azores.....			1	Mass.
Soil with <i>Gardenia augusta</i>	Mexico.....			2	Tex.
Soil with <i>Gloxinia</i> sp.	do.....			1	Tex.
Soil with <i>Lilium</i> sp.	do.....			1	Tex.
Soil with plants.....	do.....			2	Tex.
<i>Scutellonema bradys</i> (Steiner & LeHew) Andrassy: <i>Dioscorea</i> sp. (yam).....	Cuba, Trinidad.....	2			Fla., N.Y.
Soil with <i>Dioscorea</i> sp.	†Dominican Republic.....	1			N.Y.
† <i>Septobasidium lepidosaphis</i> Couch: With <i>Lepidosaphes beckii</i> on <i>Citrus reticulata</i> var. (King orange).....	Cuba.....		1		Ia.
† <i>Septocylindrium candidum</i> F. Arg.: <i>Rosa</i> sp.	Europe (country(?)).....		1		N.Y.
† <i>Septoria aciculosa</i> Ell. & Ev.: <i>Fragaria</i> sp. (strawberry).....	Czechoslovakia.....			1	N.J.
† <i>Septoria aciculosa</i> Ell. & Ev.(?): <i>Fragaria</i> sp. (strawberry).....	Germany.....			1	N.Y.
<i>Septoria azalae</i> Vogl.: <i>Rhododendron</i> 'Mother's Day' (azalea).....	Netherlands.....			1	N.J.
<i>R. vuykianum</i> (azalea).....	do.....			1	N.Y.
<i>Rhododendron</i> sp. (azalea).....	do.....			3	N.J., N.Y.
<i>Septoria carrubi</i> Pass.: <i>Laurus nobilis</i> (Grecian laurel).....	Mexico.....	1			Tex.
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon).....	†Curacao, Italy, Spain.....		5		Calif.,* N.Y., S.C., Tex.
<i>C. reticulata</i> (Mandarin orange).....	Unknown.....		1		Calif.*
<i>C. sinensis</i> (orange).....	Cyprus, Mexico.....	2	1		Ariz., Calif.*
† <i>Septoria cucurbitacearum</i> Sacc.: <i>Sechium edule</i> (chayote).....	Mexico.....	1			Tex.
<i>Septoria depressa</i> McAlp.: <i>Citrus limon</i> (lemon).....	Australia.....		2		Hawaii, N.Y.
† <i>Septoria nodorum</i> Berk.: <i>Hordeum vulgare</i> (barley).....	Italy.....	1			Calif.*
<i>Septoria oryzae</i> Catt.: <i>Oryza sativa</i> (rice).....	Japan.....		12		Calif.*
† <i>Septoria pisi</i> West.: <i>Pisum sativum</i> (pea).....	Italy, Mozambique.....		2		N.Y., Pa.
† <i>Septoria santonenensis</i> (Pass.) Bub.(?): <i>Salix</i> sp. (willow).....	Mexico.....	1			Ariz.
† <i>Septoria selenophomoides</i> Cash & Watson: Orchid.....	Ecuador.....			1	Calif.*
† <i>Septoria tosevi</i> Bub.: <i>Gentiana acaulis</i> (stemless gentian).....	France.....			1	N.J.

See footnotes at end of this list.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Sphaceloma fawcettii</i> Bitanc. & Jenkins var. <i>scabiosa</i> (McAlp. & Tryon) Jenkins:					
<i>Citrus aurantifolia</i> (lime)-----	Australia-----		2		Hawaii.
<i>C. limon</i> (lemon)-----	Australia-----		19		Hawaii.
<i>Sphaceloma punicae</i> Bitanc. & Jenkins:					
<i>Punica granatum</i> (pomegranate)-----	Mexico-----	3			Tex.
† <i>Sphaerulina taxicola</i> (Pk.) Berl.:					
<i>Taxus cuspidata</i> (Japanese yew)-----	Sweden-----			1	N.J.
<i>Sphenospora kevorkianii</i> Linder:					
<i>Epidendrum</i> sp. (orchid)-----	†Bahamas, †Honduras-----			2	Fla.
<i>Ionopsis utricularioides</i> -----	Jamaica-----			1	Fla.
<i>Oncidium pulchellum</i> (orchid)-----	Dominican Republic-----			1	Fla.
<i>Sphenospora mera</i> Cummins:					
<i>Oncidium</i> sp. (orchid)-----	Ecuador-----			1	Calif.*
Orchid-----	do-----			1	Calif.*
<i>Stagonospora macrospora</i> (Dur. & Mont.) Sacc.:					
<i>Yucca</i> sp.-----	Mexico-----	1			Ariz.
<i>Stomatogone agaves</i> (Ell. & Ev.) Th.:					
<i>Yucca</i> sp.-----	Mexico-----	1			Ariz.
<i>Thecopsora areolata</i> (Fr.) Magn.:					
<i>Picea abies</i> (Norway spruce)-----	Austria, †France-----			2	N.J.
<i>Tylenchorhynchus capitatus</i> M. W. Allen:					
Soil with <i>Allium cepa</i> (onion)-----	Mexico-----			1	Tex.
Soil with <i>Crinum</i> sp. and <i>Strelitzia</i> sp.-----	do-----			1	Fla.
Soil with <i>Portulaca</i> sp.-----	do-----			1	Tex.
† <i>Tylenchorhynchus dubius</i> (Bütschli) Filip.:					
<i>Begonia</i> sp.-----	Belgium-----			1	Mass.
Soil with <i>Daucus carota</i> (carrot)-----	Netherlands-----		1		Md.
Soil with miscellaneous plants-----	Italy-----			2	Mass.
† <i>Tylenchorhynchus leptus</i> M. W. Allen:					
Soil with <i>Artemisia dracunculus</i> (tarragon)-----	France-----			1	Mass.
Soil with <i>Juniperus</i> sp. and <i>Sorbus</i> sp.-----	Finland-----			1	Mass.
† <i>Tylenchorhynchus nothus</i> M. W. Allen:					
Soil with <i>Armoracia rusticana</i> (horseradish)-----	Denmark-----		1		Md.
<i>Tylenchulus semipenetrans</i> Cobb:					
<i>Citrus sinensis</i> (orange)-----	Italy-----			1	N.Y.
<i>Tylenchus davainei</i> Bastian:					
Soil with <i>Rhododendron</i> sp. (azalea)-----	Germany-----			1	Mass.
Soil with <i>Sedum</i> sp.-----	†France-----			1	Mass.
† <i>Tylenchus thornei</i> Andrassy:					
Soil with plant-----	Mexico-----			1	Tex.
<i>Uredo behnickiana</i> P. Henn.:					
<i>Epidendrum</i> sp. (orchid)-----	do-----			1	Tex.
<i>Laelia anceps</i> (orchid)-----	do-----			3	Tex.
<i>Laelia</i> sp.-----	Jamaica-----			1	Fla.
<i>Oncidium flexuosum</i> (orchid)-----	Brazil-----			1	Fla.
<i>O. varicosum</i> -----	do-----			1	Fla.
Orchid-----	Costa Rica-----			2	Calif.,* Fla.
<i>Phajus grandifolius</i> (orchid)-----	†Cuba-----			1	Fla.
<i>Uredo epidendri</i> P. Henn.:					
<i>Diacrium bilamellatum</i> (orchid)-----	Canal Zone-----			1	Fla.
<i>Diacrium</i> sp.-----	Ecuador-----			1	Fla.
<i>Epidendrum myrianthum</i> (orchid)-----	Costa Rica-----			1	Calif.*
<i>Epidendrum</i> sp.-----	British Honduras, Ecuador-----			2	Calif.,* Fla.
<i>Oncidium pusillum</i> (orchid)-----	Ecuador-----			1	Fla.
<i>Oncidium</i> sp.-----	Honduras-----			1	Fla.
Orchid-----	Costa Rica, Ecuador, †Haiti-----			3	Calif.,* Fla.
<i>Uredo guacae</i> Mayor:					
<i>Cattleya</i> sp. (orchid)-----	Ecuador-----			1	N.Y.
<i>Epidendrum</i> sp. (orchid)-----	Bolivia, Mexico-----			2	Fla., Tex.
<i>Lockhartia</i> sp. (orchid)-----	Panama-----			1	Fla.
<i>Maxillaria</i> sp.(?) (orchid)-----	Cuba-----			1	Fla.
<i>Odontoglossum pulchellum</i> (orchid)-----	Panama-----			1	Fla.
Orchid-----	Canal Zone-----			1	Fla.
<i>Zygopetalum burtii</i> (orchid)-----	Costa Rica-----			1	Fla.

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		Consumption	Non-entry	Propagation	
† <i>Uredo gynandrearum</i> Cda.: <i>Mormodes</i> sp. (orchid)-----	Costa Rica-----			1	Fla.
† <i>Uredo ignava</i> Arth.: <i>Bambusa</i> sp. (bamboo)-----	Formosa-----	2			Calif.*
<i>Uredo nigropuncta</i> P. Henn.: <i>Bletia</i> sp. (orchid)-----	Bahamas-----			2	Fla.
<i>Epidendrum</i> sp. (orchid)-----	do-----			1	Fla.
<i>Oncidium</i> sp. (orchid)-----	Jamaica-----			1	Fla.
Orchid-----	Guatemala-----			1	Fla.
<i>Uredo oncidii</i> P. Henn.: <i>Epidendrum</i> sp.(?) (orchid)-----	†Nicaragua-----			1	Fla.
<i>Oncidium cavendishianum</i> (orchid)-----	Mexico-----			1	Tex.
<i>O. splendidum</i> -----	Honduras-----			1	Fla.
<i>O. stramineum</i> -----	Mexico-----			1	Fla.
<i>Oncidium</i> sp.-----	Costa Rica, El Salvador, Guatemala, †Venezuela.			6	Fla.
<i>Uredo oncidii</i> P. Henn.(?): <i>Oncidium pusillum</i> (orchid)-----	Canal Zone-----			2	Fla.
<i>Uromyces alyxiae</i> Arth.: <i>Alyxia olivaeformis</i> (maile alyxia)-----	Hawaii-----	2			Hawaii.
† <i>Uromyces commelinae</i> Cke.: <i>Zebrina pendula</i> -----	Jamaica-----			1	Fla.
<i>Uromyces fabae</i> (Grev.) Cke.: <i>Lens culinaris</i> (lentil)-----	†Chile-----	6			Calif.,* Oreg., Wash.
<i>Vicia faba</i> (broadbean)-----	Italy-----		1		N.Y.
† <i>Uromyces hedysari-paniculati</i> (Schw.) Farl.: <i>Desmodium scorpiurus</i> -----	Jamaica-----			1	D.C.
<i>Uromyces lespedezae-procumbentis</i> (Schw.) Curt.: <i>Lespedeza thunbergii</i> -----	Japan-----			1	Calif.*
† <i>Uromyces limonii</i> (DC.) Lév.: <i>Limonium</i> sp.-----	Italy-----	1			N.Y.
<i>Uromyces striatus</i> Schroet.: <i>Medicago sativa</i> (alfalfa)-----	Argentina(?), Mexico, Peru.	3			Calif., Fla.
† <i>Uromyces trifolii</i> (DC.) Lév.: <i>Trifolium resupinatum</i> (Persian clover)-----	Iraq-----			1	D.C.
<i>Ustilago coicis</i> Bref.: <i>Coix lacryma-jobi</i> (Jobs-tears)-----	Philippines-----	1			Wash.
<i>Venturia rhododendri</i> Tengwall: <i>Rhododendron hybrid</i> -----	Netherlands-----			1	N.Y.
<i>Xanthomonas citri</i> (Hasse) Dowson: <i>Citrus aurantifolia</i> (lime)-----	Ceylon, Hong Kong, India, Japan, Philippines.	2	3		Hawaii, N.Y., Pa.
<i>C. aurantifolia</i> (sour lime)-----	Ceylon, India-----		3		Mass., Pa.
<i>C. aurantium</i> (sour orange)-----	Japan-----		17		Calif.,* Pa.†
<i>C. limon</i> (lemon)-----	China, Japan, unknown.		11		Calif.,* Md. Mass., N.Y., Pa., Tex.
<i>C. paradisi</i> (grapefruit)-----	Japan-----	1	3		Calif.,* Pa., Wash.
<i>C. reticulata</i> (Mandarin orange)-----	China, Japan-----	1	1		Calif.*
<i>C. sinensis</i> (orange)-----	China, Japan-----	3	35		Calif.,* Hawaii, Md., N.Y., Pa.
<i>Citrus</i> sp.-----	Hong Kong, Japan-----	2	1		Ill., Md.
<i>Xanthomonas</i> sp. (Cancrosis B): <i>Citrus aurantifolia</i> (lime)-----	†Uruguay-----		1		Fla.
<i>C. limon</i> (lemon)-----	Argentina, Brazil-----		10		Calif.,* N.Y., Pa., Tex.

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		Consumption	Non-entry	Propagation	
<i>Xiphinema americanum</i> Cobb:					
Soil with <i>Beaucarnea</i> sp.-----	†Mexico-----	-----	-----	1	Tex.
Soil with <i>Ulmus</i> sp. (elm)-----	do-----	-----	-----	1	Tex.
Soil with tractor-----	do-----	1	-----	-----	Tex.
‡ <i>Zygophiala jamaicensis</i> Mason:					
<i>Malus sylvestris</i> (apple)-----	do-----	1	-----	-----	Tex.
‡ <i>Zythia fragariae</i> Laibach:					
<i>Fragaria</i> sp. (strawberry)-----	Czechoslovakia, Germany.	-----	-----	2	N.J., N.Y.

An asterisk (*) indicates State inspection.
A dagger (†) indicates a first interception from the country named.
A double dagger (‡) indicates a first interception by Division inspectors.

Hosts and Diseases

- ACER:
Phomopsis pustulata (Deuteromycetes)
- ACONITUM:
Meloidogyne hapla (Nematoda)
- AGAPANTHUS:
Meloidogyne arenaria (Nematoda)
†*M. arenaria thamesi*(?) (Nematoda)
M. incognita acrita (Nematoda)
†*M. javanica* (Nematoda)
- AGAVE:
Coniothryium globulisorum (Deuteromycetes)
- AJUGA:
Meloidogyne hapla (Nematoda)
- ALLIUM FISTULOSUM:
Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM PORRUM:
†*Alternaria porri* (Deuteromycetes)
Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM SATIVUM:
Ditylenchus dipsaci (Nematoda)
- ALLIUM SP.:
†*Pleospora herbarum* (Ascomycetes)
- ALOCASIA:
Meloidogyne arenaria (Nematoda)
M. incognita (Nematoda)
M. incognita acrita (Nematoda)
- ALYXIA:
Uromyces alyxiae (Promycetes)
- AMELANCHIER:
†*Entomosporium maculatum* (Deuteromycetes)
†*Phyllosticta innumerabilis* (Deuteromycetes)
- ANAPHALIS:
Meloidogyne hapla (Nematoda)
- ANEMONE:
Meloidogyne hapla (Nematoda)
- ANTIRRHINUM:
†*Puccinia antirrhini* (Promycetes)
- ANTHURIUM:
†*Meloidogyne incognita* (Nematoda)
- APIUM:
†*Gottholdsteineria goodeyi* (Nematoda)
†*Rotylenchus robustus* (Nematoda)
- ARACHIS:
†*Neocosmospora vasinfecta* (Ascomycetes)
†*Puccinia arachidis* (Promycetes)
- ARALIA:
Meloidogyne incognita acrita (Nematoda)
- ARAUCARIA:
†*Macrophoma araucariae* (Deuteromycetes)
- ARMORACIA:
†*Papulaspora parasitica* (Deuteromycetes)
- ARRHENATHERUM:
†*Cladosporium graminum* (Deuteromycetes)
- ARUM:
Meloidogyne javanica (Nematoda)
- ASTILBE:
†*Meloidogyne incognita acrita* (Nematoda)
- AUCUBA:
†*Coniothryium aucubae* (Deuteromycetes)
- AXONOPUS:
Criconeimoides mutabile (Nematoda)
- BAMBOO:
†*Phyllachora shiraiana* (Ascomycetes)
- BAMBUSA:
†*Heteropatella setulosa* (Deuteromycetes)
†*Uredo ignava* (Promycetes)
- BAMBUSEAE:
†*Papularia sphaerosperma* (Deuteromycetes)
- BARRINGTONIA:
†*Diplodia barringtoniae* (Deuteromycetes)
- BEAUCARNEA:
†*Gibbera compacta*(?) (Ascomycetes)
- BEGONIA:
Meloidogyne arenaria (Nematoda)
M. incognita (Nematoda)
†*Tylenchorhynchus dubius* (Nematoda)
- BELOPERONE:
†*Meloidogyne incognita acrita* (Nematoda)
- BETA:
†*Helicotylenchus nannus* (Nematoda)
Meloidogyne arenaria (Nematoda)
- M. incognita* (Nematoda)
†*M. incognita acrita* (Nematoda)
M. javanica (Nematoda)
- BLETIA:
Uredo nigropuncta (Promycetes)
- BLETILLA:
Aphelenchoides fragariae (Nematoda)
Meloidogyne arenaria (Nematoda)
- BOERHAAVIA:
†*Albugo platensis* (Phycomycetes)
- BRASSICA RAPA:
Meloidogyne javanica (Nematoda)
- BROMELIAD:
†*Pestalotia bromeliicola* (Deuteromycetes)
- BROMUS:
Puccinia striiformis (Promycetes)
- CACTUS:
Helicotylenchus nannus (Nematoda)
†*Meloidogyne incognita acrita* (Nematoda)
- CALADIUM:
Meloidogyne arenaria (Nematoda)
- CALLA:
Meloidogyne arenaria (Nematoda)
- CAMELLIA:
†*Phomopsis camelliae* (Deuteromycetes)
- CANNA:
†*Puccinia thaliae* (Promycetes)
- CARTHAMUS:
†*Puccinia carthami* (Promycetes)
- CASSIA:
Ravenelia papillifera (Promycetes)
- CATTLEA:
†*Mycosphaerella cattleyae* (Ascomycetes)
Uredo guacae (Promycetes)
- CELASTRUS:
†*Ramularia celastri* (Deuteromycetes)
- CHAMAEDOREA:
Corynespora cassicola (Deuteromycetes)
†*Curvularia geniculata* group (Deuteromycetes)
- CHRYSANTHEMUM:
†*Pratylenchus penetrans* (Nematoda)
†*Puccinia horiana* (Promycetes)
- CICHORIUM:
Meloidogyne incognita acrita (Nematoda)
M. javanica (Nematoda)
Pseudomonas marginalis (Schizomycetes)
- CITRULLUS:
Ring spot virus
- CITRUS AURANTIFOLIA:
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
†*Xanthomonas* sp. (Cancrosis B) (Schizomycetes)
- CITRUS AURANTIUM:
Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:
†*Coniothecium citri*(?) (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
†*Septoria citri* (Deuteromycetes)
S. depressa (Deuteromycetes)
†*Sphaceloma fawcettii* var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)
- CITRUS PARADISI:
†*Hendersonia citri* (Deuteromycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS PARADISI X C. RETICULATA:
†*Coniothecium scabrum* (Deuteromycetes)
- CITRUS RETICULATA:
Elsinoe australis (Ascomycetes)
"Leptosia"
†*Phoma citricarpa* (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA UNSHIU:
Phoma citricarpa (Deuteromycetes)

See footnotes at end of this list.

Hosts and Diseases—Continued

CITRUS SINENSIS:

- †*Coniothecium scabrum* (Deuteromycetes)
- Elsinoe australis* (Ascomycetes)
- Erwinia citrimaculans* (?) (Schizomycetes)
- "Greasy spot"
- †*Hendersonia socia* (Deuteromycetes)
- †*Meliola citricola* (Ascomycetes)
- †*Phoma citricarpa* (Deuteromycetes)
- †*Pleospora herbarum* (Ascomycetes)
- Septoria citri* (Deuteromycetes)
- Tylenchulus semipenetrans* (Nematoda)
- Xanthomonas citri* (Schizomycetes)

CITRUS SP.:

- "Greasy spot"
- Phoma citricarpa* (Deuteromycetes)
- Xanthomonas citri* (Schizomycetes)

CLEMATIS:

- Meloidogyne arenaria* (Nematoda)
- M. hapla* (Nematoda)
- Pratylenchus penetrans* (Nematoda)

COCOS:

- †*Cyospora palmicola* (Deuteromycetes)
- †*Diplodia coccocarpa* (Deuteromycetes)
- †*Eutypella cocos* (Ascomycetes)
- †*Macrophoma cocos* (Deuteromycetes)

CODIAEUM:

- †*Meloidogyne arenaria* (Nematoda)
- †*Phomopsis euphorbiae* (Deuteromycetes)

COFFEA:

- †*Cercospora coffeicola* (Deuteromycetes)

COIX:

- Ustilago coicis* (Promycetes)

COLOCASIA:

- Meloidogyne arenaria* (Nematoda)
- M. javanica* (Nematoda)

CONVALLARIA:

- †*Pratylenchus convallariae* (Nematoda)

CYCAD:

- †*Pestalotia cycadis* (Deuteromycetes)

CYNODON:

- †*Puccinia cynodontis* (Promycetes)

DAHLIA:

- Aphelenchoides fragariae* (Nematoda)
- †*Cercospora grandissima* (Deuteromycetes)
- †*Corynebacterium fascians* (Schizomycetes)
- †*Ditylenchus destructor* (Nematoda)
- Meloidogyne arenaria* (Nematoda)
- M. arenaria thamesi* (?) (Nematoda)
- M. hapla* (Nematoda)
- M. incognita* (Nematoda)
- M. javanica* (Nematoda)
- †*Pratylenchus coffeae* (Nematoda)
- †*P. penetrans* (Nematoda)
- †*P. pratensis* (Nematoda)

DAUCUS:

- Meloidogyne hapla* (Nematoda)
- M. javanica* (Nematoda)

DELPHINIUM:

- Meloidogyne hapla* (Nematoda)
- Pratylenchus penetrans* (Nematoda)

DESMODIUM:

- †*Uromyces hedysari-paniculati* (Promycetes)

DIACRIUM:

- Uredo epidendri* (Promycetes)

DIANTHUS:

- Alternaria dianthi* (Deuteromycetes)
- Puccinia arenariae* (Promycetes)

DIOSCOREA:

- †*Meloidogyne incognita* (Nematoda)
- M. incognita acrita* (Nematoda)
- M. javanica* (Nematoda)
- Scutellonema bradys* (Nematoda)

DRACAENA:

- Meloidogyne incognita* (Nematoda)
- M. incognita acrita* (Nematoda)

EPIDENDRUM:

- †*Asterina raripoda* (?) (Ascomycetes)
- †*Micropeltis bakeri* (Ascomycetes)
- †*Sphenospora kevorkianii* (Promycetes)
- Uredo behnickiana* (Promycetes)
- U. epidendri* (Promycetes)
- U. guacae* (Promycetes)
- U. nigropuncta* (Promycetes)

EPIDENDRUM(?):

- †*Uredo oncidii* (Promycetes)

EPIMEDIUM:

- Meloidogyne hapla* (Nematoda)
- M. incognita acrita* (Nematoda)

EPISCIA:

- †*Meloidogyne incognita acrita* (Nematoda)

ERIOBOTRYA:

- †*Fusicladium eriobotryae* (Deuteromycetes)

EUPHORIA:

- †*Hypoxylon mediterraneum* (Ascomycetes)

EXCOECARIA:

- Meloidogyne incognita* (Nematoda)

FICUS:

- Phomopsis cinerescens* (?) (Deuteromycetes)

FRAGARIA:

- †*Dendrophoma obscurans* (Deuteromycetes)
- †*Discohainesia oenotherae* (Ascomycetes)
- †*Marssonina fragariae* (Deuteromycetes)
- †*Mycosphaerella fragariae* (Ascomycetes)
- †*Phyllosticta fragaricola* (Deuteromycetes)
- †*Ramularia tulasnei* (Deuteromycetes)
- †*Septoria aciculosa* (Deuteromycetes)
- †*Zythia fragariae* (Deuteromycetes)

FRAXINUS:

- †*Macrophoma fraxini* (Deuteromycetes)

FREESIA:

- Meloidogyne javanica* (Nematoda)

GENTIANA:

- †*Leptothyrium gentianicola* (Deuteromycetes)
- †*Meloidogyne arenaria* (Nematoda)
- M. hapla* (Nematoda)
- †*Septoria tosevi* (Deuteromycetes)

GERANIUM:

- Meloidogyne hapla* (Nematoda)

GERBERA:

- Meloidogyne incognita acrita* (Nematoda)
- †*M. javanica* (Nematoda)

GLADIOLUS:

- Curvularia lunata* (Deuteromycetes)
- Meloidogyne arenaria* (Nematoda)
- M. arenaria thamesi* (Nematoda)
- M. incognita* (Nematoda)
- M. incognita acrita* (Nematoda)
- M. javanica* (Nematoda)

HEDERA:

- †*Cryptocline paradoxa* (Deuteromycetes)
- †*Phyllosticta hederacea* (Deuteromycetes)

HELIANTHUS:

- †*Meloidogyne hapla* (Nematoda)

HELICONIA:

- Meloidogyne incognita acrita* (Nematoda)

HEUCHERA:

- Aphelenchoides fragariae* (Nematoda)
- Meloidogyne hapla* (Nematoda)

HEVEA:

- †*Phomopsis heveae* (Deuteromycetes)

HORDEUM:

- †*Septoria nodorum* (Deuteromycetes)

HOSTA:

- Meloidogyne arenaria* (Nematoda)
- M. incognita acrita* (Nematoda)

HYDROSME:

- Meloidogyne javanica* (Nematoda)

HYMENOCALLIS:

- †*Cercospora pancratii* (Deuteromycetes)

IONOPSIS:

- Sphenospora kevorkianii* (Promycetes)

IRIS:

- Ditylenchus destructor* (Nematoda)
- Meloidogyne arenaria* (Nematoda)
- †*Puccinia iridis* (Promycetes)

JASMINUM:

- †*Meloidogyne javanica* (Nematoda)

JUGLANS:

- †*Gnomonia leptostyla* (Ascomycetes)
- †*Marssonina juglandis* (Deuteromycetes)

JUNIPERUS:

- Gymnosporangium haraeae* (Promycetes)

KERRIA:

- Phoma japonica* (Deuteromycetes)

LABURNUM:

- †*Coniothryium cytisellum* (Deuteromycetes)

See footnotes at end of this list.

Hosts and Diseases—Continued

- LACTUCA:**
Meloidogyne incognita acrita (Nematoda)
- LAELIA:**
Uredo behnickiana (Promycetes)
- LAGURUS:**
†*Puccinia laguri* (Promycetes)
- LAURUS:**
Septoria carrubi (Deuteromycetes)
- LENS:**
†*Ascochyta pisi* (Deuteromycetes)
†*Uromyces fabae* (Promycetes)
- LEONTOPODIUM:**
†*Meloidogyne hapla* (Nematoda)
- LESPEDeza:**
Uromyces lespedezae-procumbentis (Promycetes)
- LEUCAENA:**
†*Ravenelia leucaenae* (Promycetes)
- LILIUM(?):**
Meloidogyne incognita (Nematoda)
- LIMONIUM:**
†*Uromyces limonii* (Promycetes)
- LOCKHARTIA:**
Uredo guacae (Promycetes)
- LYCIUM:**
†*Phoma importata* (Deuteromycetes)
- LYCOPERSICON:**
Corynespora cassicola (Deuteromycetes)
Phytophthora mexicana(?) (Phycomycetes)
- MAGNOLIA:**
Diaporthe eres (Ascomycetes)
- MALUS:**
Monilinia fructigena (Ascomycetes)
Phlyctaena vagabunda (Deuteromycetes)
†*Zygophiala jamaicensis* (Deuteromycetes)
- MANGIFERA:**
†*Elsinoe mangiferae* (Ascomycetes)
- MANIHOT:**
†*Cercospora henningsii* (Deuteromycetes)
- MARANTA:**
Meloidogyne incognita (Nematoda)
- MAXILLARIA(?):**
Uredo guacae (Promycetes)
- MEDICAGO:**
†*Pseudopeziza medicaginis* (Ascomycetes)
Uromyces striatus (Promycetes)
- MENTHA:**
†*Phyllosticta decudua*(?) (Deuteromycetes)
†*Pratylenchus penetrans* (Nematoda)
- MORMODES:**
†*Uredo gynandrearum* (Promycetes)
- MORUS:**
Cercospora mori (Deuteromycetes)
- MUSA:**
†*Cordana musae* (Deuteromycetes)
†*Radopholus similis* (Nematoda)
- NARCISSUS:**
Aphelenchoides subtenuis (Nematoda)
Ditylenchus dipsaci (Nematoda)
- ODONTOGLOSSUM:**
†*Cercospora angraeci* (Deuteromycetes)
†*C. odontoglossi* (Deuteromycetes)
Uredo guacae (Promycetes)
- OLEA:**
†*Diplodia oleae* (Deuteromycetes)
†*Macrophoma oleae* (Deuteromycetes)
- ONCIDIUM:**
Sphenospora kevorkianii (Promycetes)
S. mera (Promycetes)
Uredo behnickiana (Promycetes)
U. epidendri (Promycetes)
U. nigropuncta (Promycetes)
†*U. oncidii* (Promycetes)
- OPUNTIA:**
Coniothryium globulisporum (Deuteromycetes)
- ORCHID:**
†*Septoria selenophomoides* (Deuteromycetes)
Sphenospora mera (Promycetes)
Uredo behnickiana (Promycetes)
†*U. epidendri* (Promycetes)
U. guacae (Promycetes)
U. nigropuncta (Promycetes)
- ORNITHOGALUM:**
†*Marmor scillearum* (Virus)
†*Rhizoctonia microsclerotia*(?) (Deuteromycetes)
- ORYZA:**
Cercospora oryzae (Deuteromycetes)
†*Dinemasporium oryzae* (Deuteromycetes)
†*Diplodia oryzae* (Deuteromycetes)
†*Entyloma oryzae* (Promycetes)
†*Helminthosporium oryzae* (Deuteromycetes)
†*Leptosphaeria oryzina* (Ascomycetes)
Mycosphaerella hondai (Ascomycetes)
†*M. oryzae* (Ascomycetes)
Neovossia horrida (Promycetes)
†*Nigrospora oryzae* (Deuteromycetes)
†*N. sphaerica* (Deuteromycetes)
†*Phoma oryzae* (Deuteromycetes)
Septoria oryzae (Deuteromycetes)
- PAEONIA:**
Aphelenchoides fragariae (Nematoda)
Meloidogyne hapla (Nematoda)
- PASPALUM(?):**
†*Ascochyta graminicola*(?) (Deuteromycetes)
- PHAJUS:**
Meloidogyne javanica (Nematoda)
†*Uredo behnickiana* (Promycetes)
- PHALARIS(?):**
†*Lophodermium arundinaceum* (Ascomycetes)
- PHASEOLUS:**
Ascochyta pisi (Deuteromycetes)
†*Nematospora coryli* (Ascomycetes)
- PHLOX:**
†*Corynebacterium fascians* (Schizomycetes)
Pratylenchus penetrans (Nematoda)
- PHRAGMITES:**
†*Scirrhia rimosa* (Ascomycetes)
- PICEA:**
†*Thecopsora areolata* (Promycetes)
- PIERIS:**
†*Phyllosticta andromedae* (Deuteromycetes)
- PIMENTA:**
†*Puccinia psidii* (Promycetes)
- PISUM:**
†*Ascochyta pisi* (Deuteromycetes)
Colletotrichum dematium f. *truncata* (Deuteromycetes)
†*Septoria pisi* (Deuteromycetes)
- PLUMERIA:**
Coleosporium plumeriae (Promycetes)
- POLIANTHES:**
Meloidogyne javanica (Nematoda)
- PRIMULA:**
†*Ramularia primulae* (Deuteromycetes)
- PROTEA:**
†*Leptosphaeria protearum* (Ascomycetes)
†*Oligostroma proteae* (Ascomycetes)
- PRUNUS DOMESTICA:**
†*Phyllosticta congesta* (Deuteromycetes)
- PRUNUS PERSICA:**
†*Coryneum carpophilum* (Deuteromycetes)
- PSIDIUM:**
Cercospora psidii (Deuteromycetes)
†*Phyllostictina psidiicola* (Deuteromycetes)
- PUNICA:**
Cercospora punicae (Deuteromycetes)
Sphaceloma punicae (Deuteromycetes)
- PYRETHRUM:**
Meloidogyne hapla (Nematoda)
- PYRUS:**
†*Cortium centrifugum* (Basidiomycetes)
- QUERCUS:**
†*Lophodermium maculare* (Ascomycetes)
- RAPHANUS:**
Meloidogyne incognita (Nematoda)
- RHODENDODRON:**
†*Cercospora handelii* (Deuteromycetes)
Chrysomyxa ledi var. *rhododendri* (Promycetes)
Septoria azaleae (Deuteromycetes)
Venturia rhododendri (Ascomycetes)
- ROSA:**
†*Marmor rosae* (Virus)
†*Meloidogyne hapla* (Nematoda)
†*Septocylindrium candidum* (Deuteromycetes)

See footnotes at end of this list.

Hosts and Diseases—Continued

RUDBECKIA:

Fusarium oxysporum (Deuteromycetes)

SACCHARUM:

†*Cytospora sacchari* (Deuteromycetes)

SALIX:

†*Cytospora chrysosperma* (Deuteromycetes)*Meloidogyne incognita acrita* (Nematoda)‡*Septoria santonensis*(?) (Deuteromycetes)

SANSEVIERIA:

Meloidogyne incognita acrita (Nematoda)*Scutellonema brachyurum* (Nematoda)

SCABIOSA:

Meloidogyne hapla (Nematoda)

SCILLIA:

Ditylenchus dipsaci (Nematoda)*Meloidogyne javanica* (Nematoda)

SECHIUM:

‡*Septoria cucurbitacearum* (Deuteromycetes)

SOIL:

Criconemoides mutabile (Nematoda)†*Gotholdsteineria goodeyi* (Nematoda)†*Helicotylenchus erythrinae* (Nematoda)*H. multicinctus* (Nematoda)†*H. nannus* (Nematoda)†*Heterodera avenae* (Nematoda)†*H. cacti* (Nematoda)†*H. humuli*(?) (Nematoda)†*H. punctata* (Nematoda)*H. rostochiensis* (Nematoda)‡*Hoplolaimus proporicus* (Nematoda)*Meloidogyne arenaria* (Nematoda)*M. incognita* (Nematoda)*M. incognita acrita* (Nematoda)†*Pratylenchus brachyurus* (Nematoda)†*P. penetrans* (Nematoda)*P. pratensis* (Nematoda)*Psilenchus hilarulus* (Nematoda)†*Radopholus similis*(?) (Nematoda)†*Rotylenchus robustus* (Nematoda)*Scutellonema brachyurum* (Nematoda)†*S. bradys* (Nematoda)*Tylenchorhynchus capitatus* (Nematoda)†*T. dubius* (Nematoda)‡*T. leptus* (Nematoda)†*T. nothus* (Nematoda)†*Tylenchus davainei* (Nematoda)†*T. thornei* (Nematoda)†*Xiphinema americanum* (Nematoda)

SOLANUM:

Meloidogyne arenaria (Nematoda)†*M. hapla* (Nematoda)*M. incognita* (Nematoda)†*M. incognita acrita* (Nematoda)*M. javanica* (Nematoda)*Oospora pustulans* (Deuteromycetes)*Pratylenchus brachyurus* (Nematoda)

SORGHUM:

†*Colletotrichum graminicola* (Deuteromycetes)†*Phoma insidiosa* (Deuteromycetes)

STACHYS:

Meloidogyne hapla (Nematoda)

STACHYTARPHETA:

Puccinia urbaniana (Promycetes)

TAXUS:

‡*Sphaerulina taxicola* (Ascomycetes)

TRIFOLIUM:

†*Uromyces trifolii* (Promycetes)

TRITICUM:

†*Anguina tritici* (Nematoda)*Nigrospora sphaerica* (Deuteromycetes)*Puccinia striiformis* (Promycetes)

VICIA:

Ascochyta pisi(?) (Deuteromycetes)*Uromyces fabae* (Promycetes)

VINCA:

Meloidogyne incognita acrita (Nematoda)

VIOLA:

†*Puccinia violae* (Promycetes)

VITIS:

†*Angiopsora ampelopsidis* (Promycetes)*Coniella diplodiella* (Deuteromycetes)

WISTERIA:

†*Meloidogyne arenaria* (Nematoda)

WITH LEPIDOSAPHES BECKII ON CITRUS

RETICULATA VAR.:

‡*Septobasidium lepidosaphis* (Basidiomycetes)

XANTHOSOMA:

Meloidogyne javanica (Nematoda)

YUCCA:

†*Coniothyrium concentricum* (Deuteromycetes)‡*Leptosphaeria obtusispora* (Ascomycetes)*Stagonospora macrospora* (Deuteromycetes)*Stomatogene agaves* (Ascomycetes)

ZANTEDESCHIA:

Meloidogyne arenaria (Nematoda)*M. incognita* (Nematoda)

ZEBRINA:

†*Uromyces commelinae* (Promycetes)

ZINGIBER:

Meloidogyne arenaria (Nematoda)*M. incognita acrita* (Nematoda)†*M. javanica* (Nematoda)

ZINGIBERACEAE:

†*Meloidogyne javanica* (Nematoda)

ZYGOPETALUM:

Uredo guacae (Promycetes)*Hosts Unknown*

PLANT—UNIDENTIFIED:

‡*Criconemoides informe* (Nematoda)*Pratylenchus pratensis* (Nematoda)

SOD:

Helicotylenchus erythrinae (Nematoda)

A dagger (†) indicates a first interception from the country of origin.

A double dagger (‡) indicates a first interception by Division inspectors.

Countries of Origin and Diseases

- AFGHANISTAN:
Puccinia striiformis
- AFRICA (country(?))
Erwinia citrimaculans(?)
Phoma citricarpa
- ALGERIA:
†*Meloidogyne javanica*
- AMERICAN VIRGIN ISLANDS:
†*Helicotylenchus nannus*
- ARGENTINA:
†*Cercospora grandissima*
†*Corticium centrifugum*
†*Cytospora sacchari*
Ditylenchus dipsaci
Elsinoe australis
Heterodera rostochiensis
Meloidogyne arenaria
M. incognita
†*M. incognita acrita*
†*M. javanica*
†*Phoma citricarpa*
†*P. importata*
Xanthomonas sp. (Cancrosis B)
- ARGENTINA(?):
Uromyces striatus
- AUSTRALIA:
†*Coniothecium scabrum*
†*Hendersonia citri*
†*H. socia*
Macrophoma araucariae
Meloidogyne javanica
Phoma citricarpa
†*Pratylenchus penetrans*
†*Puccinia horiana*
Septoria depressa
Sphaceloma fawcettii var. *scabiosa*
- AUSTRIA:
Chrysomyxa ledi var. *rhododendri*
†*Heterodera cacti*
Thecopsora areolata
- AZORES:
Heterodera rostochiensis
Pratylenchus penetrans
†*Rotylenchus robustus*
Scutellonema brachyurum
- BAHAMAS:
†*Sphenospora kevorkianii*
Uredo nigropuncta
- BARBADOS:
†*Meloidogyne incognita*
- BELGIUM:
Aphelenchoides fragariae
†*Coniothyrium cytisellum*
Heterodera rostochiensis
†*Mycosphaerella fragariae*
Pseudomonas marginalis
†*Tylenchorhynchus dubius*
- BOLIVIA:
Uredo guacae
- BRAZIL:
Elsinoe australis
†*Heterodera cacti*
Meloidogyne incognita acrita
M. javanica
Phoma citricarpa
Pratylenchus brachyurus
Uredo behnickiana
Xanthomonas sp. (Cancrosis B)
- BRITISH GUIANA:
†*Puccinia thaliae*
- BRITISH HONDURAS:
†*Mycosphaerella cattleyae*
†*Pratylenchus brachyurus*
Uredo epidendri
- BRITISH SAMOA:
†*Eutypella cocos*
†*Macrophoma cocos*
- CANADA:
Chrysomyxa ledi var. *rhododendri*
†*Entomosporium maculatum*
Helicotylenchus erythrinae
Meloidogyne hapla
†*Phyllosticta innumerabilis*
†*Pratylenchus praensis*
†*Ramularia celastri*
- CANAL ZONE:
Meloidogyne incognita acrita
Uredo epidendri
U. guacae
U. oncidii(?)
- CANARY ISLANDS:
Heterodera rostochiensis
- CEYLON:
†*Colletotrichum graminicola*
†*Helicotylenchus nannus*
†*Meloidogyne incognita acrita*
Xanthomonas citri
- CHILE:
Meloidogyne arenaria
†*M. hapla*
M. incognita acrita
†*Pseudopeziza medicaginis*
†*Uromyces fabae*
- CHINA:
†*Heteropatella setulosa*
Phoma citricarpa
Xanthomonas citri
- COLOMBIA:
†*Meloidogyne javanica*
- COSTA RICA:
†*Asterina raripoda*(?)
†*Cercospora angraeci*
Uredo behnickiana
U. epidendri
U. guacae
†*U. gynandrearum*
U. oncidii
- CUBA:
Curvularia lunata
Meloidogyne incognita acrita
M. javanica
Scutellonema bradys
†*Septobasidium lepidosaphis*
†*Uredo behnickiana*
U. guacae
- CURACAO:
†*Septoria citri*
- CYPRUS:
Septoria citri
- CZECHOSLOVAKIA:
Dendrophoma obscurans
†*Discohainesia oenotherae*
†*Ditylenchus destructor*(?)
Heterodera avenae
†*Meloidogyne hapla*
†*Phyllosticta fragaricola*
†*Septoria aciculosa*
†*Zythia fragariae*
- DENMARK:
Coniella diplodiella
Heterodera avenae
Oospora pustulans
†*Papulaspora parasitica*
†*Pratylenchus convallariae*
†*Tylenchorhynchus nothus*
- DOMINICAN REPUBLIC:
Meloidogyne incognita
†*Scutellonema bradys*
Sphenospora kevorkianii
- ECUADOR:
Heterodera rostochiensis(?)
†*Micropeltis bakeri*
†*Septoria selenophomoides*
Sphenospora mera
Uredo epidendri
U. guacae
- EGYPT:
Meloidogyne incognita acrita
- EL SALVADOR:
Uredo oncidii
- ENGLAND:
Aphelenchoides fragariae
Ditylenchus destructor
D. dipsaci
Heterodera avenae
H. cacti
H. punctata
H. rostochiensis
†*Macrophoma fraxini*
†*Meloidogyne arenaria*

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

ENGLAND—Continued

M. hapla
M. incognita acrita
†*Pratylenchus convallariae*
†*P. penetrans*
Puccinia arenariae
Rotylenchus robustus

ENIWETOK:

†*Phoma citricarpa*

EUROPE (country) (?)

†*Septocylindrium candidum*

FEDERATION OF MALAYA:

Phoma citricarpa
†*Phomopsis heveae*

FINLAND:

†*Helicotylenchus erythrinae*
†*Tylenchorhynchus leptus*

FORMOSA:

†*Heteropatella setulosa*
Phoma citricarpa
†*Uredo ignava*

FRANCE:

Alternaria dianthi
†*Cercospora odontoglossi*
†*Dendrophoma obscurans*
Ditylenchus destructor (?)
Heterodera avenae
H. cacti
H. punctata
H. rostochiensis
†*Leptothyrium gentianicola*
Meloidogyne incognita acrita
†*Pratylenchus penetrans*
†*Rotylenchus robustus*
†*Septoria tosevi*
†*Thecopsora areolata*
†*Tylenchorhynchus leptus*
†*Tylenchus davainei*

FRENCH WEST AFRICA:

Meloidogyne incognita acrita
M. javanica

GERMANY:

Chrysomyxa ledi var. *rhododendri*
†*Dendrophoma obscurans*
Ditylenchus destructor
D. dipsaci
†*Gnomonia leptostyla*
†*Gottholdsteineria goodeyi*
Heterodera avenae
H. cacti
H. punctata
H. rostochiensis
†*Lophodermium arundinaceum*
†*Marssonina juglandis*
Meloidogyne hapla
M. incognita
†*Pratylenchus penetrans*
†*Ramularia primulae*
Rotylenchus robustus
†*Scirrhia rimosa*
†*Septoria aciculosa* (?)
Tylenchus davainei
†*Zythia fragariae*

GREECE:

†*Fusicladium eriobotryae*

GUAM:

†*Diplodia coccocarpa*

GUATEMALA:

†*Marmor rosae*
Meloidogyne arenaria
Uredo nigropuncta
U. oncidii

HAITI:

†*Elsinoe mangiferae*
†*Uredo epidendri*

HAWAII:

†*Macrophoma araucariae*
†*Phomopsis euphorbiae*
†*Radopholus similis*
Uromyces alyxiae

HAWAII (?) :

†*Meliola citricola*

HONDURAS:

†*Meloidogyne incognita*
†*Sphenospora kevorkianii*
Uredo epidendri
U. oncidii

HONG KONG:

†*Entyloma oryzae*
†*Helminthosporium oryzae*
†*Hypoxyton mediterraneum*
†*Leptosphaeria oryzina*
†*Meloidogyne arenaria*
†*M. incognita acrita*
M. javanica
†*Nigrospora sphaerica*
Phoma citricarpa
Xanthomonas citri

INDIA:

†*Coniothecium scabrum*
Entyloma oryzae
†*Leptosphaeria oryzina*
Meloidogyne javanica
Xanthomonas citri

INDIA (?) :

Phoma citricarpa

IRAQ:

†*Uromyces trifolii*

IRELAND:

†*Cytospora chrysosperma*
Gottholdsteineria goodeyi
Heterodera punctata
H. rostochiensis

ISRAEL:

Meloidogyne javanica
†*Puccinia antirrhini*

ITALY:

†*Anguina tritici*
Aphelenchoides subtenuis
Ascochyta pisi
†*Coniothecium citri* (?)
Ditylenchus dipsaci
Helicotylenchus erythrinae
Heterodera punctata
Meloidogyne incognita acrita
M. javanica
Monilinia fructigena
Phlyctaena vagabunda
†*Ramularia tulasnei*
Septoria citri
†*S. nodorum*
†*S. pisi*
†*Tylenchorhynchus dubius*
Tylenchulus semipenetrans
Uromyces fabae
†*U. limonii*

JAMAICA:

†*Puccinia psidii*
Sphenospora kevorkianii
Uredo behnickiana
U. nigropuncta
†*Uromyces commelinae*
†*U. hedysari-paniculati*

JAPAN:

Alternaria dianthi
†*Angiopsora ampelopsidis*
Aphelenchoides fragariae
Ascochyta pisi
†*Cercospora handelii*
Diaporthe eres
†*Dinemasporium oryzae*
†*Diplodia oryzae*
†*Ditylenchus destructor* (?)
Entyloma oryzae
Gymnosporangium haraeae
Heterodera avenae
†*H. punctata* (?)
†*Marssonina fragariae*
Meloidogyne arenaria
M. arenaria thamesi
M. hapla
M. incognita
M. incognita acrita
M. javanica

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

JAPAN—Continued

Mycosphaerella hondai
 †*M. oryzae*
M. schoenoprasii
Neovossia horrida
 †*Nigrospora oryzae*
N. sphaerica
 †*Pestalotia cycadis*
Phoma citricarpa
 †*P. oryzae*
 †*Phomopsis camelliae*
 †*Phyllachora shiraiana*
Puccinia horiana
P. striiformis
Septoria oryzae
Uromyces lespedezae-procumbentis
Xanthomonas citri

LEBANON:

†*Diplodia oleae*
 †*Pleospora herbarum*

MEXICO:

†*Ascochyta graminicola*(?)
A. pisi
Cercospora oryzae
 †*C. pancratii*
C. psidii
Cercospora mori
Coleosporium plumeriae
Colletotrichum dematium f. *truncata*
Coniothyrium globuliforme
 †*Cordana musae*
Corynespora cassiicola
 †*Cricoides informis*
C. mutabile
 †*Curvularia geniculata* group
 †*Cytospora palmicola*
Ditylenchus dipsaci
Elsinoe mangiferae
Entyloma oryzae
 †*Gibbera compacta*(?)
 "Greasy spot"
Helicotylenchus multicinctus
H. nannus
Heterodera cacti
H. punctata
H. rostochiensis
 "Leprosis"
 †*Leptosphaeria obtusispora*
 †*Lophodermium maculare*
 †*Macrophoma oleae*
Meloidogyne arenaria
 †*M. arenaria thamesi*(?)
M. incognita
M. incognita acrita
M. javanica
 †*Pestalotia bromeliicola*
Phomopsis cinerescens(?)
 †*Phyllosticta congesta*
 †*P. decidua*(?)
Phytophthora mexicana(?)
Pratylenchus pratensis
Psilenchus hilarulus
 †*Ravenelia leucaenae*
R. papillifera
 Ring spot virus
Scutellonema brachyurum
Septoria carrubi
S. citri
 †*S. cucurbitacearum*
 †*S. santonensis*(?)
Sphaceloma punicae
Stagonospora macrospora
Stomatogone agaves
Tylenchorhynchus capitatus
 †*Tylenchus thornei*
Uredo behnickiana
U. guacae
U. oncidii
Uromyces striatus
 †*Xiphinema americanum*
 †*Zygophiala jamaicensis*

MOZAMBIQUE:

Phoma citricarpa

†*Septoria pisi*

NETHERLANDS:

†*Alternaria porri*
Aphelenchoides fragariae
 †*Coniothyrium aucubae*
 †*C. concentricum*
 †*Corynebacterium fascians*
 †*Cryptocline paradoxa*
 †*Dendrophoma obscurans*
Ditylenchus dipsaci
Fusarium oxysporum
 †*Gottholdsteineria goodeyi*
Heterodera avenae
 †*H. cacti*
H. rostochiensis
 †*Marmor scillearum*
Meloidogyne arenaria
M. hapla
 †*M. incognita acrita*
Phoma japonica
Phomopsis pustulata
 †*Phyllosticta andromedae*
 †*P. hederacea*
Pratylenchus penetrans
Puccinia arenariae
 †*P. iridis*
 †*Rhizoctonia microsclerotia*(?)
Septoria azaleae
 †*Tylenchorhynchus dubius*
Venturia rhododendri

NEW GUINEA:

†*Meloidogyne javanica*

NEW ZEALAND:

†*Macrophoma araucariae*
 †*Meloidogyne hapla*

NICARAGUA:

†*Hoplolaimus proporicus*
 †*Uredo oncidii*

NORFOLK ISLAND:

Macrophoma araucariae

NORWAY:

†*Gottholdsteineria goodeyi*
Heterodera rostochiensis

OKINAWA:

†*Papularia sphaerosperma*
 †*Phoma citricarpa*

PANAMA:

†*Radopholus similis*(?)
Uredo guacae

PARAGUAY:

Elsinoe australis
 †*Neocosmospora vasinfecta*
 †*Puccinia arachidis*

PERU:

†*Coryneum carpophilum*
Heterodera rostochiensis
Meloidogyne arenaria
 †*Nematospora coryli*
Uromyces striatus

PHILIPPINES:

†*Albugo platensis*
 †*Diplodia barringtoniae*
 †*Macrophoma cocos*
Phoma citricarpa
 †*Phyllosticta psidiicola*
Ustilago coicis
Xanthomonas citri

POLAND:

Heterodera rostochiensis

PORTUGAL:

†*Heterodera avenae*
 †*Puccinia carthami*

PUERTO RICO:

†*Cerospora coffeicola*
C. punicae
Elsinoe mangiferae
Meloidogyne javanica
Puccinia urbaniana

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

SCOTLAND:

Helicotylenchus erythrinae
Heterodera punctata
H. rostochiensis
†*Puccinia violae*

SINGAPORE:

Phoma citricarpa

SPAIN:

†*Ascochyta pisi*
Ditylenchus dipsaci
†*Meloidogyne arenaria*
†*M. hapla*
†*M. incognita acrita*
†*Puccinia laguri*
Septoria citri

SWEDEN:

Heterodera rostochiensis
Oospora pustulans
†*Sphaerulina taxicola*

SWITZERLAND:

Chrysomyxa ledi var. *rhododendri*
†*Corynebacterium fascians*
Heterodera cacti

TANGANYIKA:

†*Phoma insidiosa*

TRINIDAD:

†*Cercospora henningsii*
Meloidogyne incognita
M. incognita acrita
†*M. javanica*
Scutellonema bradys

TURKEY:

†*Pleospora herbarum*

UNION OF SOUTH AFRICA:

†*Cercospora handelii*
†*Ditylenchus destructor*
†*Leptosphaeria protearum*
Meloidogyne javanica
†*Oligostroma proteae*
Phoma citricarpa
†*Pratylenchus coffeae*
†*P. penetrans*
†*Puccinia cynodontis*

UNION OF SOVIET SOCIALIST REPUBLICS:

†*Ascochyta pisi*

UNKNOWN:

Chrysomyxa ledi var. *rhododendri*
Elsinoe australis
Heterodera rostochiensis
Phoma citricarpa
Septoria citri
Xanthomonas citri

URUGUAY:

†*Xanthomonas* sp. (Cancrosis B)

VENEZUELA:

†*Uredo oncidii*

VIETNAM(?):

†*Phoma citricarpa*

YUGOSLAVIA:

†*Cladosporium graminum*
†*Heterodera humuli*(?)

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates a first interception by Division inspectors.

